Universal Multiple-Octet Coded Character Set International Organization for Standardization Organisation Internationale de Normalisation Международная организация по стандартизации

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Title: Proposal to encode Egyptian Hieroglyphs in the SMP of the UCS Source: UC Berkeley Script Encoding Initiative (Universal Scripts Project)

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- **1. Summary.** Efforts to encode Hieroglyphs in Unicode go back a long time; see Everson 1997, Everson 1999, Cook *et al* 2005, Everson and Richmond 2006. Most recently the authors have collaborated to create a source database called *UniKemet* containing 1,063 characters from Gardiner's sign-lists and related sources, together with a font based on Bob Richmond's *InScribe* font which we have used to create the proposed code table given in this document, using the code table formatting tool Unibook (http://www.unicode.org/unibook). In the process we identified a number of issues that needed to be resolved before a complete proposal could be submitted to the Unicode Technical Committee and ISO/IEC JTC1/SC2/WG2. Those issues were discussed at a symposium on the use of IT in Egyptology which took place early August 2006, where the content of the character set was agreed as proposed here.
- 2. Introduction. Hieroglyphic writing seems to have appeared in Egypt at the end of the fourth millennium BCE. The writing system is pictographic: the glyphs represent tangible objects, most of which modern scholars have been able to identify; a great many of them are easily recognizable even to nonspecialists. Egyptian Hieroglyphs represent people and animals, parts of the bodies of people and animals, clothing, tools, vessels, and so on. Hieroglyphs were used to write Egyptian for more than 3,000 years retaining characteristic features such as use of colour and detail in the more elaborated expositions. Throughout the Old Kingdom, the Middle Kingdom, and the New Kingdom, between 700 and 1,000 Hieroglyphs were in regular use. During the Greco-Roman period, the number of variants, as distinguished by some modern scholars, grew to somewhere between 6,000 and 8,000. Hieroglyphs were carved in stone, painted on frescos, and could also be written with a reed stylus, though this cursive writing soon became standardized in what is called hieratic writing. Hieratic as a cursive form of Hieroglyphs shares the proposed encoding. The Demotic script and then the Coptic script replaced the earlier Hieroglyphic/Hieratic script for much practical writing of Egyptian but Hieroglyphs and Hieratic continued in use until the fourth century CE. On the Gateway of Hadrian in the Temple complex at Philae an inscription dated 0394-08-24 has been found, and this is thought to be among the latest examples of Ancient Egyptian writing in Hieroglyphs.

gm, tm, in, wn, mn, nn, hn, hn, hn, sn, šn, ir, wr, pr, mr, hr, hr, dr, bh, ph, mh, nh, is, ms, ns, hs, šs, gs, ck, sk, mt, ht, st, šd, kd, dd, cd, wd, nd, hd, and triliterals chc, hpr, sdm, nfr, cnh, htp; there are many more. In addition to the phonetic characters, Egyptian Hieroglyphs made use of a very large number of logographic characters (called "logograms" or "ideograms" by Egyptologists), some of which could be read as a word, and some of which had only a semantic "determinative" function, to enable the reader to distinguish between words which were otherwise written the same, thus: closetic lambda 'enter', closetic lambda 'bh 'ibis', and closetic lambda 'Sometimes a number of characters were used redundantly. For example, gbs 'arm' was conventionally written closetic lambda, literally g-b-bs-s-s-. Within a word, characters are arranged together to form an aesthetically-pleasing arrangement within a notional square; see "Rendering" below.

- **4. Directionality.** Characters may be written left-to-right or right-to-left, generally in horizontal lines but often (especially in monumental texts) in vertical columns. In general, directionality is easy to determine because one reads a line into the faces of the people and animals, so when written right-to-left. Like Old Italic, Egyptian Hieroglyphs are given strong left-to-right directionality in this proposed encoding because most Egyptian editions are published in English, French, and German and left-to-right directionality is the standard presentation mode. U+202E RIGHT-TO-LEFT OVERRIDE can be used for the presentation of right-to-left Egyptian text. In this case, as with Old Italic, the glyphs from Egyptian Hieroglyphic fonts should be mirrored from those given in the code charts.
- **5. Rendering.** The proposed encoding of Egyptian Hieroglyphs treats them simply as a set of text elements; a higher-level protocol would be required for the necessary clustering, mirroring, and rotation of signs within text. This approach works well in the context of existing encoding conventions which use a simple markup scheme to indicate such formatting. The most prominent example of this which has been developed since computers were introduced into Egyptology in the late 1970s and the early 1980s, called the Manuel de codage (MdC; Paris: 1988), a later recension of which can be seen in van den Berg 1997. These conventions make use of ASCII characters to separate hieroglyphic characters and to indicate the organization of the hieroglyphic characters in space (that is, the position of hieroglyphic characters in a block). The hyphen "-" is used to separate hieroglyphic blocks; the colon ":" superposes one hieroglyphic character over another; the asterisk "*" is used to juxtapose two or more hieroglyphic characters, typically when they are a group which is superposed over or under another hieroglyphic character or group of hieroglyphic characters. So "] - . : " will render] (one way of writing the name of Osiris), and "∞:] * A" will render 🎧 (another way of writing the same name). More complex overlapping combinations can use the ampersand "&", so " $\ \&\ _$ " will render $\ _$ ". Other *MdC* notations are used to indicate the reversal or rotation of hieroglyphic characters within the LTR text stream. The application of MdC conventions to text is not, however, a plain-text process. Ordinary word-processors are not expected to be able to use MdC conventions to render Egyptian Hieroglyphs correctly. In plain text the examples given will render $]-\infty: [], \infty:]*[], and <math>[] \&_{\triangle},$ and without MdC markup they will render as $] \&_{\triangle},$ [] @],and \mathcal{L} . Neither is the illustration of MdC given here intended to be prescriptive. Other schemes have been proposed that attempt to provide greater flexibility than MdC by use of more elaborate encodings and XML and similar remarks apply. However, none has yet obtained widespread usage comparable with MdC. The Macintosh and Windows implementations (MacScribe, and WinGlyph and InScribe) make use of the *Manuel de Codage* conventions, as does the Wikimedia's WikiHiero PHP script.

In the years since Champollion published his decipherment of Egyptian in 1824, Egyptologists have shown little interest in typesetting Hieratic, and there is no tradition of Hieratic fonts in lead or digital formats. As a cursive form of the underlying hieroglyphic characters, Hieratic is normally rendered in the more easily legible Hieroglyphs. In principle a Hieratic font based on this encoding could be devised for specialist applications. It would have very large ligature tables indeed.

- **6. Character names.** Egyptian hieroglyphic characters are traditionally designated in a number of ways:
 - by complex description: A GOD WITH HEAD OF IBIS, DESERT HARE, VULTURE-GODDESS NEKHBET AND COBRA-GODDESS EDJO ON BASKETS, OWL, LAPWING WITH WINGS TWISTED ROUND ONE ANOTHER, QUAIL CHICK (these are Gardiner's own descriptions)
 - by standardized sign number: A C3, E34, G16, G17, G24, G43
 - by conventional sound which works for only a minority of characters: $\leq wn$, $n \neq w$

The most convenient way of naming the characters is to identify them with their standard Egyptological catalogue numbers, since otherwise the character names would be picturesque but rather long. The name EGYPTIAN HIEROGLYPH E034 refers uniquely and unambiguously to the DESERT HARE character used for the sound wn. Character names are padded with zeros here for two reasons. First, they will tend to sort correctly even when "smart" sorting algorithms are not available. Second, the use of zeros offers a mechanism for distinguishing UCS character names from the many extant naming schemes for Egyptian, since formally-standardized UCS characters will have a different status than font collections like Hieroglyphica (Grimal et al. 1993 and 2000) or other works. Gardiner uses A44 for King of upper EGYPT WITH FLAGELLUM; Collier and Manley (whose numbering is completely idiosyncratic) use A44 for ARM HOLDING THE NHBT-WAND; Möller uses A44 for Soldier with BOW AND QUIVER. The UCS names for A044, D045, and A012 uniquely identify the characters and also identifies the designation as a UCS name.

According to Gardiner's identification scheme, Egyptian Hieroglyphs are classified according to letters of the alphabet, so A000 is "Man and his occupations", B000 is "Woman and her occupations", C000 is "Anthropomorphic deities", D000 is "Parts of the human body", E000 is "Mammals", F000 is "Parts of mammals", G000 is "Birds", H000 is "Parts of birds", I000 is "Amphibious animals, reptiles, etc.", K000 is "Fishes and parts of fishes", L000 is Invertebrata and lesser animals", M000 is "Trees and plants", N000 is "Sky, earth, water", O000 is "Buildings, parts of buildings, etc.", P000 is "Ships and parts of ships", Q000 is "Domestic and funerary furniture", R000 is "Temple furniture and sacred emblems", S000 is "Crowns, dress, staves, etc.", T000 is "Warfare, hunting, butchery", U000 is "Agriculture, crafts, and professions", V000 is "Rope, fibre, baskets, bags, etc.", W000 is "Vessels of stone and earthenware", X000 is "Loaves and cakes", Y000 is "Writings, games, music", Z000 is "Strokes, signs derived from Hieratic, geometrical features", and AA000 is used for "Unclassified" signs. (Note: some individual characters have been may have been identified as belonging to other classes since the category was assigned but we have not re-assigned them.) In Gardiner 1929, 1931, and 1953 a section Ff "Signs for transcription from Hieratic" appears, but as these are identified as variants of other characters, they are named accordingly here (for example, since ½ G1928:95:Ff2 is a "substitute for ₹ V7", it is named V007A). In Gardiner 1953, a section Nn is given to represent the nomes of Egypt, with L prefixed to the number for the nomes of Lower Egypt, and U for the nomes of Upper Egypt. All of those characters are related to marked out with irrigation runnels, which is presumably why Gardiner used the notation "Nn" for the nomes. Gardiner gives NnL1 for \(\preceq\); the naming convention here calls it NL001 rather than NNL001. An aesthetic complaint might be made about O000, but Gardiner used the letter O in his classification and we maintain that the leading zero is a useful convention for the reasons given above.

Gardiner identified some variants of characters by unique catalogue numbers, and others by extending adding one or two asterisks (and in one instance a and a'). UCS naming convention does not allow the use of asterisks, but it is traditional to add letters of the alphabet, as has been done here. Thus Gardiner's G7, G7, and G7, are G7, and G7, are G7, and G7, and G7, and G7, and G7, are G7, and G7, and G7, are G7, and G7, and G7, and G7, are G7, and G7, and G7, are G7, and G7, and G7, and G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, and G7, are G7, and G7, are G7, and G7, are G7, are G7, and G7, are G7, are G7, are G7, are G7, are G7, and G7, are G7, are G7, and G7, are G7, are G7, are G7, are G7, are G7, and G7, are G

7. Character set repertoire. The first set of hieroglyphic characters which should be encoded, and which is proposed here, is "the Gardiner set", which is something of a moving target. "The Gardiner set" was not exhaustively described and enumerated by Gardiner or indeed by anyone else. The chief source of the

repertoire is Gardiner's Middle Egyptian sign-list as given in his *Egyptian Grammar* (Gardiner 1957). This is supplemented by additional characters found in his font catalogues (Gardiner 1928, Gardiner 1929, Gardiner 1931, and Gardiner 1953), and a collection of signs found in the Griffith Institute's *Topographical Bibliography*, which also used the Gardiner fonts. In consultation with Egyptologists, a handful of other characters has been added to this set forming the proposal here. The following criteria have been used as guidelines to determine the contents of repertoire.

- 7.1. Entities to which Gardiner gave specific catalogue numbers. Most of these are taken quite straightforwardly from the sign-lists. A few characters which need additional comment are discussed here. Gardiner gave catalogue numbers to & C002B, & C002C, & C013, and & C015. C002B was used in the royal name (Sth nht mrr Imn Re 'Setnakht beloved of Amun Ra', attested in the Topographical Bibliography (Vol. I, Pt. II, p. 527). It can be argued that reversed characters like these should not be encoded because Manual de Codage markup is normally used for reversing and rotating characters. This is not always the case of course. A D054 'movement' contrasts with D055 'backwards'; P001 'boat' contrasts with P001A as used in Pne 'upset, overturn'. Some other characters are distinguished as "low" glyphs needed in Gardiner's font: compare E034 and E034A, P013 and P013A, G036 and G036A, G037 and G037A, M025 and N025A, V030 and V030A, and W003 and W003A. Egyptologists are not unanimous as to the need to use these variants as characters per se, but a number of them requested the retention in the character set for completeness of representation of Gardiner's own materials. In a certain sense they may be considered "compatibility" characters.
- **7.2. Positional variants without Gardiner catalogue numbers.** A number of positional variants without catalogue numbers were listed in Gardiner 1957 and Gardiner 1928. An example is the down-facing fly \mathbb{W} , which is arguably an error occurring only in the Index to Gardiner's sign-list (Gardiner 1957:545); \mathbb{M} L003 seems to be the only form found elsewhere. Other examples are the two moons) and) which are said by Gardiner to be used as determinatives; but \mathbb{M} N011 and \mathbb{M} N012 can represent these well enough. Twenty-six such variants were listed in a code table described as "Gardiner Positional Variants" in N3183 (Everson & Richmond 2006-10-29). The Egyptologists we consulted considered it unnecessary that these be encoded, apart from three of them. Vertical \mathbb{M} O029A (a variant of \mathbb{M} O029) and \mathbb{M} Y001A (a variant of \mathbb{M} Y001) were requested by more than one specialist because of their very high frequency of occurence. The vertical F045A \mathbb{M} used in hieratic for m, n was identified by Gardiner as a vertical form of \mathbb{M} restrain' but it has been shown to derive from F045 \mathbb{M} BICORNUATE UTERUS OF HEIFER, and so the two should not be unified.
- **7.3. Enclosures.** The two principal names of the king, the nomen and praenomen, were normally written inside a cartouche: a figure representing a coil of rope, for instance (and cartouche) 'Apophis'. Gardiner 1957:71–76 describes the royal titulary, giving beginning and end shapes (and signs in the Catalogue. The bracket-like convention of writing (in the hieratic (cf. Möller 1936:51) and some modern publications. Plain text and general purpose software should likewise treat these signs as characters and not render the fully enclosed form. Several other characters are also used to represent enclosures. While the cartouche proper normally begins with (V011A and ends with) V011B, it sometimes ends with \) V011C, the "knotless" cartouche. The hwt enclosure used to describe houses, temples, and tombs is based on \$\begin{aligned} \text{O006}, the rectangular enclosure seen in plan, from above. It may have different beginning and final forms. When \[\cap O006A begins a hwt enclosure, \] O006D or \[\] O006E may complete it; when [O006B or [O006C begins a hwt enclosure,] O006F may complete it. The srh or serekh enclosure is based on mod O033, a banner. A serekh enclosure is begun with 0006A, and completed with E 0033A. Champollion 1997:159 describes a "fortified surrounding wall" cartouche based on [] O033, the fortified wall, which is used to describe countries and foreign cities; this begins with (O033A and ends with O033B. A rectilinear form of this is also given in Champollion 2000:274; this begins with \[\text{O033C} and ends with \[\text{O033D}.

7.4. Numerals. Egyptian numbers are encoded here along the same principles which were used in the encoding of Aegean and Cuneiform numbers. Gardiner does not supply a full set of numerals with catalogue numbers in his *Egyptian Grammar*. He describes numbers in detail in §\$259–266. Two conventions of representing Egyptian numerals are supported in this encoding. The first relates to the way in which Hieratic numerals are represented: individual signs for each of the 1s, the 10s, the 100s, the 1000s, and the 10,000s are given because in Hieratic these are written as units, often quite different from the Hieroglyphic shapes into which they are transliterated. (Hieratic is not generally typeset, but is traditionally rendered with the underlying hieroglyphic characters it represents.) The other convention is based on the practice of the *Manual de Codage*, comprised of five text elements used to build up Egyptian numerals. There is overlap between these two systems.

hqt	0	0	00	00	000	000	0000	0000	000 000 000
1	1	П	Ш	Ш	III		1111		
10	Λ	$\overset{\cap}{\cap}$	$_{\cap}^{\cap}$	$\bigcap_{n \in \mathbb{N}}$	$\bigcap_{n \in \mathbb{N}} C_n$	000	$\bigcap \bigcap \bigcap$	$\bigcap \bigcap \bigcap$	
100	9	99	999	9999	999	999	999 999	6666	9999
1000	<u> </u>				33333 	999 888 444			355 555 444
10000					000 00				***
1	1	П	111	Ш	11111				
10	\cap	$\cap \cap$	$\cap\cap\cap$	$\cap\cap\cap\cap$	$\cap\cap\cap\cap\cap$				
100	9	99	999	9999	99999				
1000	3				33333				
10000					00000				

7.5. Disunification of numerals from quantity signs. Gardiner lists numeric values alongside his Z1, Z2, and Z3, but these signs fulfill other functions apart from that of numeral, and the proposed encoding distinguishes the numerals from them. The glyph representation of 1 Z001 'unity' and 1 Z015 'one' may differ greatly in size, and are particularly distinguished by size in Hieratic. The glyph representation of 1 Z004 'duality' and 1 Z015A 'two' may differ in size and distance between the strokes; the glyph representation of 1 Z002 'plurality' may have 3, 4, or 5 strokes while 1 Z015B 'three' obviously may not.

7.6. Exclusion of Old Kingdom signs found *passim* **in Gardiner.** Old Kingdom signs such as $\frac{1}{3}$ and $\frac{1}{3}$, found at **G1957:479:M3**, are left for future standardization. (See §10 below for an explanation of the "G1957:479:M3" notation".)

8. Unicode Character Properties

Most of the Egyptian Hieroglyph characters are classified as Letter_Other (Lo), although characters with numeric values are classified as Number_Letter (Nl). There are no combining characters. Characters have Left-to-Right (L) directionality and there are no decompositions or case mappings. For the purposes of line and word breaking as well as identifiers they would be treated like alphabetic characters.

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13000; EGYPTIAN HIEROGLYPH A001; Lo; 0; L;;;;; N;;;;
                                                                    13055:EGYPTIAN HIEROGLYPH B005A:Lo:0:L:::::N:::::
13001; EGYPTIAN HIEROGLYPH A002; Lo; 0; L;;;;; N;;;;;
                                                                    13056; EGYPTIAN HIEROGLYPH B006; Lo; 0; L;;;;; N;;;;
13002; EGYPTIAN HIEROGLYPH A003; Lo; 0; L;;;;; N;;;;;
                                                                    13057; EGYPTIAN HIEROGLYPH B007; Lo; 0; L;;;;; N;;;;;
13003; EGYPTIAN HIEROGLYPH A004; Lo; 0; L;;;;; N;;;;;
                                                                    13058; EGYPTIAN HIEROGLYPH B008; Lo; 0; L;;;;; N;;;;
13004; EGYPTIAN HIEROGLYPH A005; Lo; 0; L;;;;; N;;;;;
                                                                    13059; EGYPTIAN HIEROGLYPH B009; Lo; 0; L;;;;; N;;;;;
13005; EGYPTIAN HIEROGLYPH A005A; Lo; 0; L;;;;; N;;;;
                                                                    1305A: EGYPTIAN HIEROGLYPH C001; Lo; 0; L;;;;; N;;;;
13006; EGYPTIAN HIEROGLYPH A006; Lo; 0; L; ;; ;; N; ;; ;;
                                                                    1305B; EGYPTIAN HIEROGLYPH
                                                                                                 C002;Lo;0;L;;;;;N;;;;
13007; EGYPTIAN HIEROGLYPH A006A; Lo; 0; L;;;;; N;;;;
                                                                    1305C; EGYPTIAN HIEROGLYPH C002A; Lo; 0; L;;;;; N;;;;
13008; EGYPTIAN HIEROGLYPH A006B; Lo; 0; L;;;;; N;;;;;
                                                                    1305D; EGYPTIAN HIEROGLYPH C002B; Lo; 0; L;;;;; N;;;;;
13009; EGYPTIAN HIEROGLYPH A007; Lo; 0; L;;;;; N;;;;;
                                                                    1305E; EGYPTIAN HIEROGLYPH C002C; Lo; 0; L;;;;; N;;;;;
1300A; EGYPTIAN HIEROGLYPH A008; Lo; 0; L;;;;; N;;;;;
                                                                    1305F; EGYPTIAN HIEROGLYPH C003; Lo; 0; L;;;;; N;;;;
1300B; EGYPTIAN HIEROGLYPH A009; Lo; 0; L;;;;; N;;;;
                                                                    13060: EGYPTIAN HIEROGLYPH
                                                                                                 C004;Lo;0;L;;;;;N;;;;
1300C; EGYPTIAN HIEROGLYPH A010; Lo; 0; L;;;;; N;;;;;
                                                                    13061; EGYPTIAN HIEROGLYPH C005; Lo; 0; L;;;;; N;;;;
1300D; EGYPTIAN HIEROGLYPH A011; Lo; 0; L;;;; N;;;;
                                                                    13062; EGYPTIAN HIEROGLYPH C006; Lo; 0; L;;;;; N;;;;
1300E; EGYPTIAN HIEROGLYPH A012; Lo; 0; L;;;;; N;;;;;
                                                                    13063; EGYPTIAN HIEROGLYPH C007; Lo; 0; L;;;;; N;;;;;
1300F; EGYPTIAN HIEROGLYPH A013; Lo; 0; L;;;;; N;;;;
                                                                    13064; EGYPTIAN HIEROGLYPH C008; Lo; 0; L;;;;; N;;;;
13010; EGYPTIAN HIEROGLYPH A014; Lo; 0; L;;;;; N;;;;;
                                                                    13065; EGYPTIAN HIEROGLYPH
                                                                                                 C009;Lo;0;L;;;;;N;;;;
13011; EGYPTIAN HIEROGLYPH A014A; Lo; 0; L;;;;; N;;;;
                                                                    13066; EGYPTIAN HIEROGLYPH C010; Lo; 0; L;;;;; N;;;;
13012; EGYPTIAN HIEROGLYPH A015; Lo; 0; L;;;;; N;;;;
                                                                    13067; EGYPTIAN HIEROGLYPH C010A; Lo; 0; L;;;;; N;;;;
13013; EGYPTIAN HIEROGLYPH A016; Lo; 0; L;;;;; N;;;;;
                                                                    13068; EGYPTIAN HIEROGLYPH C011; N1; 0; L;;;; 1000000; N;;;;;
                                                                    13069; EGYPTIAN HIEROGLYPH C012; Lo; 0; L;;;;; N;;;;
13014; EGYPTIAN HIEROGLYPH A017; Lo; 0; L;;;;; N;;;;;
13015; EGYPTIAN HIEROGLYPH A017A; Lo; 0; L;;;;; N;;;;;
                                                                    1306A: EGYPTIAN HIEROGLYPH
                                                                                                C013;Lo;0;L;;;;;N;;;;
                                                                    1306B; EGYPTIAN HIEROGLYPH C014; Lo; 0; L;;;; N;;;;
13016; EGYPTIAN HIEROGLYPH A018; Lo; 0; L;;;;; N;;;;;
13017; EGYPTIAN HIEROGLYPH A019; Lo; 0; L;;;;; N;;;;
                                                                    1306C; EGYPTIAN HIEROGLYPH C015; Lo; 0; L;;;;; N;;;;
                                                                    1306D; EGYPTIAN HIEROGLYPH C016; Lo; 0; L;;;;; N;;;;
13018; EGYPTIAN HIEROGLYPH A020; Lo; 0; L;;;;; N;;;;;
13019; EGYPTIAN HIEROGLYPH A021; Lo; 0; L;;;;; N;;;;;
                                                                    1306E; EGYPTIAN HIEROGLYPH C017; Lo; 0; L;;;;; N;;;;
1301A; EGYPTIAN HIEROGLYPH A022; Lo; 0; L;;;;; N;;;;;
                                                                    1306F: EGYPTIAN HIEROGLYPH
                                                                                                C018;Lo;0;L;;;;;N;;;;
1301B; EGYPTIAN HIEROGLYPH A023; Lo; 0; L;;;;; N;;;;;
                                                                    13070; EGYPTIAN HIEROGLYPH C019; Lo; 0; L;;;;; N;;;;
1301C; EGYPTIAN HIEROGLYPH A024; Lo; 0; L;;;;; N;;;;;
                                                                    13071; EGYPTIAN HIEROGLYPH C020; Lo; 0; L;;;;; N;;;;;
1301D; EGYPTIAN HIEROGLYPH A025; Lo; 0; L;;;;; N;;;;;
                                                                    13072; EGYPTIAN HIEROGLYPH C021; Lo; 0; L;;;;; N;;;;
                                                                    13073; EGYPTIAN HIEROGLYPH C022; Lo; 0; L;;;;; N;;;;
1301E; EGYPTIAN HIEROGLYPH A026; Lo; 0; L;;;;; N;;;;;
1301F; EGYPTIAN HIEROGLYPH A027; Lo; 0; L;;;;; N;;;;;
                                                                    13074; EGYPTIAN HIEROGLYPH
                                                                                                 C023;Lo;0;L;;;;;N;;;;
13020; EGYPTIAN HIEROGLYPH A028; Lo; 0; L;;;;; N;;;;
                                                                    13075; EGYPTIAN HIEROGLYPH C024; Lo; 0; L;;;; N;;;;
13021; EGYPTIAN HIEROGLYPH A029; Lo; 0; L;;;;; N;;;;
                                                                    13076; EGYPTIAN HIEROGLYPH D001; Lo; 0; L;;;;; N;;;;
13022; EGYPTIAN HIEROGLYPH A030; Lo; 0; L;;;;; N;;;;;
                                                                    13077; EGYPTIAN HIEROGLYPH D002; Lo; 0; L; ; ; ; ; N; ; ; ;
13023; EGYPTIAN HIEROGLYPH A031; Lo; 0; L;;;;; N;;;;
                                                                    13078; EGYPTIAN HIEROGLYPH D003; Lo; 0; L;;;;; N;;;;;
13024; EGYPTIAN HIEROGLYPH A032; Lo; 0; L;;;;; N;;;;
                                                                    13079: EGYPTIAN HIEROGLYPH
                                                                                                D004;Lo;0;L;;;;;N;;;;
13025; EGYPTIAN HIEROGLYPH A032A; Lo; 0; L;;;;; N;;;;;
                                                                    1307A; EGYPTIAN HIEROGLYPH D005; Lo; 0; L;;;;; N;;;;
13026; EGYPTIAN HIEROGLYPH A033; Lo; 0; L;;;;; N;;;;
                                                                    1307B; EGYPTIAN HIEROGLYPH D006; Lo; 0; L;;;;; N;;;;
                                                                    1307C; EGYPTIAN HIEROGLYPH D007; Lo; 0; L;;;;; N;;;;
13027; EGYPTIAN HIEROGLYPH A034; Lo; 0; L;;;;; N;;;;;
                            A035;Lo;0;L;;;;;N;;;;
                                                                    1307D; EGYPTIAN HIEROGLYPH D008; Lo; 0; L;;;;; N;;;;
13028; EGYPTIAN HIEROGLYPH
13029; EGYPTIAN HIEROGLYPH
                            A036;Lo;0;L;;;;;N;;;;
                                                                    1307E; EGYPTIAN HIEROGLYPH D008A; Lo; 0; L;;;;; N;;;;
1302A; EGYPTIAN HIEROGLYPH A037; Lo; 0; L;;;;; N;;;;;
                                                                    1307F; EGYPTIAN HIEROGLYPH D009; Lo; 0; L;;;;; N;;;;;
1302B; EGYPTIAN HIEROGLYPH A038; Lo; 0; L;;;;; N;;;;
                                                                    13080; EGYPTIAN HIEROGLYPH D010; Lo; 0; L;;;;; N;;;;;
                                                                    13081; EGYPTIAN HIEROGLYPH D011; N1; 0; L;;;; 1/2; N;;;;
1302C; EGYPTIAN HIEROGLYPH A039; Lo; 0; L;;;;; N;;;;;
1302D; EGYPTIAN HIEROGLYPH A040; Lo; 0; L;;;;; N;;;;
                                                                    13082; EGYPTIAN HIEROGLYPH D012; N1; 0; L;;;; 1/4; N;;;;
1302E; EGYPTIAN HIEROGLYPH A040A; Lo; 0; L;;;;; N;;;;;
                                                                    13083; EGYPTIAN HIEROGLYPH
                                                                                                D013;N1;0;L;;;;1/8;N;;;;
1302F; EGYPTIAN HIEROGLYPH A041; Lo; 0; L;;;;; N;;;;;
                                                                    13084; EGYPTIAN HIEROGLYPH D014; N1; 0; L;;;; 1/16; N;;;;
13030; EGYPTIAN HIEROGLYPH A042; Lo; 0; L;;;;; N;;;;;
                                                                    13085; EGYPTIAN HIEROGLYPH D015; N1; 0; L;;;; 1/32; N;;;;;
                                                                    13086; EGYPTIAN HIEROGLYPH D016; N1; 0; L;;;; 1/64; N;;;;;
13031; EGYPTIAN HIEROGLYPH A042A; Lo; 0; L;;;;; N;;;;
                                                                    13087; EGYPTIAN HIEROGLYPH D017; Lo; 0; L;;;;; N;;;;
13032; EGYPTIAN HIEROGLYPH A043; Lo; 0; L;;;;; N;;;;;
13033; EGYPTIAN HIEROGLYPH A043A; Lo; 0; L;;;;; N;;;;
                                                                    13088; EGYPTIAN HIEROGLYPH D018; Lo; 0; L;;;;; N;;;;
13034; EGYPTIAN HIEROGLYPH A044; Lo; 0; L;;;;; N;;;;;
                                                                    13089; EGYPTIAN HIEROGLYPH D019; Lo; 0; L;;;;; N;;;;
13035; EGYPTIAN HIEROGLYPH A045; Lo; 0; L;;;;; N;;;;
                                                                    1308A; EGYPTIAN HIEROGLYPH D020; Lo; 0; L;;;;; N;;;;;
13036; EGYPTIAN HIEROGLYPH A045A; Lo; 0; L;;;;; N;;;;
                                                                    1308B; EGYPTIAN HIEROGLYPH D021; Lo; 0; L;;;;; N;;;;
                                                                    1308C; EGYPTIAN HIEROGLYPH
                                                                                                D022;Lo;0;L;;;;;N;;;;
13037; EGYPTIAN HIEROGLYPH A046; Lo; 0; L;;;;; N;;;;;
13038; EGYPTIAN HIEROGLYPH A047; Lo; 0; L;;;;; N;;;;
                                                                    1308D; EGYPTIAN HIEROGLYPH D023; Lo; 0; L;;;;; N;;;;
13039; EGYPTIAN HIEROGLYPH A048; Lo; 0; L;;;;; N;;;;
                                                                    1308E; EGYPTIAN HIEROGLYPH D024; Lo; 0; L;;;;; N;;;;
1303A; EGYPTIAN HIEROGLYPH A049; Lo; 0; L;;;;; N;;;;;
                                                                    1308F; EGYPTIAN HIEROGLYPH D025; Lo; 0; L;;;;; N;;;;
1303B; EGYPTIAN HIEROGLYPH A050; Lo; 0; L;;;;; N;;;;
                                                                    13090; EGYPTIAN HIEROGLYPH D026; Lo; 0; L;;;;; N;;;;
1303C; EGYPTIAN HIEROGLYPH A051; Lo; 0; L;;;;; N;;;;;
                                                                    13091; EGYPTIAN HIEROGLYPH D027; Lo; 0; L;;;;; N;;;;
1303D; EGYPTIAN HIEROGLYPH
                            A052;Lo;0;L;;;;;N;;;;
                                                                    13092; EGYPTIAN HIEROGLYPH D027A; Lo; 0; L;;;;; N;;;;;
1303E; EGYPTIAN HIEROGLYPH A053; Lo; 0; L;;;;; N;;;;
                                                                    13093; EGYPTIAN HIEROGLYPH D028; Lo; 0; L;;;;; N;;;;
1303F; EGYPTIAN HIEROGLYPH A054; Lo; 0; L;;;;; N;;;;;
                                                                    13094; EGYPTIAN HIEROGLYPH D029; Lo; 0; L;;;;; N;;;;
13040; EGYPTIAN HIEROGLYPH A055; Lo; 0; L;;;;; N;;;;
                                                                    13095; EGYPTIAN HIEROGLYPH D030; Lo; 0; L;;;;; N;;;;
13041; EGYPTIAN HIEROGLYPH A056; Lo; 0; L;;;;; N;;;;;
                                                                    13096; EGYPTIAN HIEROGLYPH D031; Lo; 0; L;;;;; N;;;;
13042; EGYPTIAN HIEROGLYPH A057; Lo; 0; L;;;;; N;;;;
                                                                    13097; EGYPTIAN HIEROGLYPH D031A; Lo; 0; L;;;;; N;;;;
13043; EGYPTIAN HIEROGLYPH A058; Lo; 0; L;;;;; N;;;;;
                                                                    13098; EGYPTIAN HIEROGLYPH D032; Lo; 0; L;;;;; N;;;;;
13044; EGYPTIAN HIEROGLYPH A059; Lo; 0; L;;;;; N;;;;;
                                                                    13099; EGYPTIAN HIEROGLYPH D033; Lo; 0; L;;;;; N;;;;;
                                                                    1309A; EGYPTIAN HIEROGLYPH D034; Lo; 0; L;;;;; N;;;;
13045; EGYPTIAN HIEROGLYPH A060; Lo; 0; L;;;;; N;;;;;
13046; EGYPTIAN HIEROGLYPH A061; Lo; 0; L;;;;; N;;;;;
                                                                    1309B; EGYPTIAN HIEROGLYPH D034A; Lo; 0; L;;;;; N;;;;
13047; EGYPTIAN HIEROGLYPH
                            A062;Lo;0;L;;;;;N;;;;
                                                                    1309C; EGYPTIAN HIEROGLYPH D035; Lo; 0; L;;;;; N;;;;;
13048; EGYPTIAN HIEROGLYPH A063; Lo; 0; L;;;;; N;;;;
                                                                    1309D; EGYPTIAN HIEROGLYPH D036; Lo; 0; L;;;;; N;;;;
13049; EGYPTIAN HIEROGLYPH A064; Lo; 0; L;;;;; N;;;;
                                                                    1309E; EGYPTIAN HIEROGLYPH D037; Lo; 0; L;;;;; N;;;;
1304A; EGYPTIAN HIEROGLYPH A065; Lo; 0; L;;;;; N;;;;
                                                                    1309F; EGYPTIAN HIEROGLYPH D038; Lo; 0; L;;;;; N;;;;
1304B; EGYPTIAN HIEROGLYPH A066; Lo; 0; L;;;;; N;;;;
                                                                    130A0; EGYPTIAN HIEROGLYPH D039; Lo; 0; L;;;;; N;;;;
1304C; EGYPTIAN HIEROGLYPH A067; Lo; 0; L;;;;; N;;;;;
                                                                    130A1; EGYPTIAN HIEROGLYPH D040; Lo; 0; L;;;;; N;;;;;
1304D; EGYPTIAN HIEROGLYPH A068; Lo; 0; L;;;;; N;;;;
                                                                    130A2; EGYPTIAN HIEROGLYPH D041; Lo; 0; L;;;;; N;;;;
1304E; EGYPTIAN HIEROGLYPH A069; Lo; 0; L;;;;; N;;;;;
                                                                    130A3; EGYPTIAN HIEROGLYPH D042; Lo; 0; L;;;;; N;;;;
1304F; EGYPTIAN HIEROGLYPH A070; Lo; 0; L;;;;; N;;;;
                                                                    130A4; EGYPTIAN HIEROGLYPH D043; Lo; 0; L;;;;; N;;;;
13050; EGYPTIAN HIEROGLYPH B001; Lo; 0; L;;;;; N;;;;;
                                                                    130A5; EGYPTIAN HIEROGLYPH D044; Lo; 0; L;;;;; N;;;;
13051; EGYPTIAN HIEROGLYPH B002; Lo; 0; L;;;;; N;;;;
                                                                    130A6; EGYPTIAN HIEROGLYPH D045; Lo; 0; L;;;;; N;;;;
13052; EGYPTIAN HIEROGLYPH B003; Lo; 0; L;;;;; N;;;;;
                                                                    130A7; EGYPTIAN HIEROGLYPH D046; Lo; 0; L;;;;; N;;;;
13053; EGYPTIAN HIEROGLYPH B004; Lo; 0; L;;;;; N;;;;;
                                                                    130A8; EGYPTIAN HIEROGLYPH D046A; Lo; 0; L;;;;; N;;;;
13054; EGYPTIAN HIEROGLYPH B005; Lo; 0; L;;;;; N;;;;;
                                                                    130A9; EGYPTIAN HIEROGLYPH D047; Lo; 0; L;;;;; N;;;;
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130AA; EGYPTIAN HIEROGLYPH D048; Lo; 0; L;;;;; N;;;;;
                                                                    1310A; EGYPTIAN HIEROGLYPH F011; Lo; 0; L;;;;; N;;;;
130AB; EGYPTIAN HIEROGLYPH D048A; Lo; 0; L;;;;; N;;;;;
                                                                     1310B; EGYPTIAN HIEROGLYPH F012; Lo; 0; L;;;;; N;;;;
130AC; EGYPTIAN HIEROGLYPH D049; Lo; 0; L;;;;; N;;;;
                                                                     1310C; EGYPTIAN HIEROGLYPH F013; Lo; 0; L;;;;; N;;;;
130AD; EGYPTIAN HIEROGLYPH D050; N1; 0; L; ;; ; 10000; N; ;; ;;
                                                                     1310D; EGYPTIAN HIEROGLYPH F013A; Lo; 0; L;;;;; N;;;;
130AE; EGYPTIAN HIEROGLYPH D050A; N1; 0; L;;;; 20000; N;;;;;
                                                                     1310E; EGYPTIAN HIEROGLYPH F014; Lo; 0; L;;;;; N;;;;
130AF; EGYPTIAN HIEROGLYPH D050B; N1; 0; L;;;; 30000; N;;;;;
                                                                     1310F; EGYPTIAN HIEROGLYPH F015; Lo; 0; L;;;;; N;;;;
130B0; EGYPTIAN HIEROGLYPH D050C; N1; 0; L;;;; 40000; N;;;;;
                                                                     13110; EGYPTIAN HIEROGLYPH F016; Lo; 0; L;;;;; N;;;;
                                                                     13111; EGYPTIAN HIEROGLYPH F017; Lo; 0; L;;;;; N;;;;
130B1; EGYPTIAN HIEROGLYPH D050D; N1; 0; L;;;; 50000; N;;;;;
130B2;EGYPTIAN HIEROGLYPH D050E;N1;0;L;;;;60000;N;;;;;
                                                                     13112; EGYPTIAN HIEROGLYPH F018; Lo; 0; L;;;;; N;;;;;
130B3; EGYPTIAN HIEROGLYPH D050F; N1; 0; L;;;; 70000; N;;;;;
                                                                     13113; EGYPTIAN HIEROGLYPH F019; Lo; 0; L;;;;; N;;;;;
                                                                     13114; EGYPTIAN HIEROGLYPH F020; Lo; 0; L;;;;; N;;;;
130B4; EGYPTIAN HIEROGLYPH D050G; N1; 0; L;;;; 80000; N;;;;;
130B5; EGYPTIAN HIEROGLYPH D050H; N1; 0; L;;;; 90000; N;;;;;
                                                                     13115; EGYPTIAN HIEROGLYPH F021; Lo; 0; L;;;;; N;;;;
130B6;EGYPTIAN HIEROGLYPH D050I;N1;0;L;;;;50000;N;;;;;
130B7;EGYPTIAN HIEROGLYPH D051;Lo;0;L;;;;;N;;;;
                                                                     13116:EGYPTIAN HIEROGLYPH F021A;Lo;0;L;;;;;N;;;;;
                                                                     13117; EGYPTIAN HIEROGLYPH F022; Lo; 0; L;;;;; N;;;;
130B8; EGYPTIAN HIEROGLYPH D052; Lo; 0; L;;;;; N;;;;;
                                                                     13118; EGYPTIAN HIEROGLYPH F023; Lo; 0; L;;;;; N;;;;
130B9;EGYPTIAN HIEROGLYPH D052A;Lo;0;L;;;;;N;;;;
                                                                     13119; EGYPTIAN HIEROGLYPH F024; Lo; 0; L;;;;; N;;;;
130BA; EGYPTIAN HIEROGLYPH D053; Lo; 0; L;;;;; N;;;;;
                                                                    1311A; EGYPTIAN HIEROGLYPH F025; Lo; 0; L;;;;; N;;;;
130BB;EGYPTIAN HIEROGLYPH D054;Lo;0;L;;;;;N;;;;
                                                                    1311B; EGYPTIAN HIEROGLYPH F026; Lo; 0; L;;;;; N;;;;
130BC; EGYPTIAN HIEROGLYPH D054A; Lo; 0; L;;;;; N;;;;
                                                                    1311C; EGYPTIAN HIEROGLYPH F027; Lo; 0; L;;;;; N;;;;;
130BD; EGYPTIAN HIEROGLYPH D055; Lo; 0; L;;;;; N;;;;
                                                                     1311D; EGYPTIAN HIEROGLYPH F028; Lo; 0; L;;;;; N;;;;
130BE; EGYPTIAN HIEROGLYPH D056; Lo; 0; L;;;;; N;;;;;
                                                                    1311E; EGYPTIAN HIEROGLYPH F029; Lo; 0; L;;;;; N;;;;
130BF; EGYPTIAN HIEROGLYPH D057; Lo; 0; L;;;;; N;;;;
                                                                    1311F; EGYPTIAN HIEROGLYPH F030; Lo; 0; L;;;;; N;;;;
130C0; EGYPTIAN HIEROGLYPH D058; Lo; 0; L;;;;; N;;;;
                                                                    13120; EGYPTIAN HIEROGLYPH F031; Lo; 0; L;;;;; N;;;;
130C1; EGYPTIAN HIEROGLYPH D059; Lo; 0; L;;;;; N;;;;;
                                                                    13121; EGYPTIAN HIEROGLYPH F031A; Lo; 0; L;;;;; N;;;;;
130C2; EGYPTIAN HIEROGLYPH D060; Lo; 0; L;;;;; N;;;;;
                                                                     13122; EGYPTIAN HIEROGLYPH F032; Lo; 0; L;;;;; N;;;;
130C3; EGYPTIAN HIEROGLYPH D061; Lo; 0; L;;;;; N;;;;;
                                                                    13123; EGYPTIAN HIEROGLYPH F033; Lo; 0; L;;;;; N;;;;
130C4; EGYPTIAN HIEROGLYPH D062; Lo; 0; L;;;;; N;;;;;
                                                                    13124; EGYPTIAN HIEROGLYPH F034; Lo; 0; L;;;;; N;;;;
130C5;EGYPTIAN HIEROGLYPH D063;Lo;0;L;;;;;N;;;;
                                                                    13125; EGYPTIAN HIEROGLYPH F035; Lo; 0; L;;;;; N;;;;
130C6; EGYPTIAN HIEROGLYPH D064; Lo; 0; L;;;;; N;;;;;
                                                                    13126; EGYPTIAN HIEROGLYPH F036; Lo; 0; L;;;;; N;;;;
130C7; EGYPTIAN HIEROGLYPH D065; Lo; 0; L;;;;; N;;;;;
                                                                     13127; EGYPTIAN HIEROGLYPH F037; Lo; 0; L;;;;; N;;;;;
130C8; EGYPTIAN HIEROGLYPH D066; Lo; 0; L;;;;; N;;;;;
                                                                    13128; EGYPTIAN HIEROGLYPH F037A; Lo; 0; L;;;;; N;;;;
130C9; EGYPTIAN HIEROGLYPH D067; N1; 0; L;;;; 1; N;;;;;
                                                                    13129; EGYPTIAN HIEROGLYPH F038; Lo; 0; L;;;;; N;;;;;
130CA; EGYPTIAN HIEROGLYPH D067A; N1; 0; L;;;; 2; N;;;;
                                                                    1312A; EGYPTIAN HIEROGLYPH F038A; Lo; 0; L;;;;; N;;;;;
130CB; EGYPTIAN HIEROGLYPH D067B; N1; 0; L;;;; 3; N;;;;;
                                                                    1312B; EGYPTIAN HIEROGLYPH F039; Lo; 0; L;;;;; N;;;;;
130CC; EGYPTIAN HIEROGLYPH D067C; N1; 0; L;;;; 4; N;;;;
                                                                    1312C; EGYPTIAN HIEROGLYPH F040; Lo; 0; L;;;;; N;;;;
130CD; EGYPTIAN HIEROGLYPH D067D; N1; 0; L;;;; 5; N;;;;;
                                                                    1312D; EGYPTIAN HIEROGLYPH F041; Lo; 0; L;;;;; N;;;;
130CE; EGYPTIAN HIEROGLYPH D067E; N1;0;L;;;;6;N;;;;;
                                                                    1312E; EGYPTIAN HIEROGLYPH F042; Lo; 0; L;;;;; N;;;;;
130CF; EGYPTIAN HIEROGLYPH D067F; N1; 0; L;;;; 7; N;;;;
                                                                    1312F; EGYPTIAN HIEROGLYPH F043; Lo; 0; L;;;;; N;;;;
130D0; EGYPTIAN HIEROGLYPH D067G; N1; 0; L;;;; 8; N;;;;;
                                                                    13130; EGYPTIAN HIEROGLYPH F044; Lo; 0; L;;;;; N;;;;;
130D1; EGYPTIAN HIEROGLYPH D067H; N1; 0; L;;;; 9; N;;;;;
                                                                     13131; EGYPTIAN HIEROGLYPH F045; Lo; 0; L;;;;; N;;;;;
130D2; EGYPTIAN HIEROGLYPH E001; Lo; 0; L;;;;; N;;;;;
                                                                    13132; EGYPTIAN HIEROGLYPH F045A; Lo; 0; L;;;;; N;;;;
130D3; EGYPTIAN HIEROGLYPH E002; Lo; 0; L;;;;; N;;;;;
                                                                    13133; EGYPTIAN HIEROGLYPH F046; Lo; 0; L;;;;; N;;;;;
130D4; EGYPTIAN HIEROGLYPH E003; Lo; 0; L;;;;; N;;;;
                                                                    13134; EGYPTIAN HIEROGLYPH F046A; Lo; 0; L;;;;; N;;;;
130D5; EGYPTIAN HIEROGLYPH E004; Lo; 0; L;;;;; N;;;;;
                                                                    13135; EGYPTIAN HIEROGLYPH F047; Lo; 0; L;;;;; N;;;;
130D6; EGYPTIAN HIEROGLYPH E005; Lo; 0; L;;;;; N;;;;
                                                                     13136; EGYPTIAN HIEROGLYPH F047A; Lo; 0; L;;;;; N;;;;
130D7; EGYPTIAN HIEROGLYPH E006; Lo; 0; L;;;;; N;;;;;
                                                                    13137; EGYPTIAN HIEROGLYPH F048; Lo; 0; L;;;;; N;;;;;
                                                                    13138; EGYPTIAN HIEROGLYPH F049; Lo; 0; L;;;;; N;;;;
130D8; EGYPTIAN HIEROGLYPH E007; Lo; 0; L;;;;; N;;;;;
130D9; EGYPTIAN HIEROGLYPH E008; Lo; 0; L;;;;; N;;;;;
                                                                    13139; EGYPTIAN HIEROGLYPH F050; Lo; 0; L;;;;; N;;;;
130DA; EGYPTIAN HIEROGLYPH E008A; Lo; 0; L;;;;; N;;;;
                                                                    1313A; EGYPTIAN HIEROGLYPH F051; Lo; 0; L;;;;; N;;;;;
130DB; EGYPTIAN HIEROGLYPH E009; Lo; 0; L;;;;; N;;;;;
                                                                    1313B; EGYPTIAN HIEROGLYPH F051A; Lo; 0; L;;;; N;;;;
130DC; EGYPTIAN HIEROGLYPH E009A; Lo; 0; L;;;;; N;;;;;
                                                                    1313C; EGYPTIAN HIEROGLYPH F051B; Lo; 0; L;;;;; N;;;;;
                                                                    1313D; EGYPTIAN HIEROGLYPH F051C; Lo; 0; L;;;;; N;;;;
130DD; EGYPTIAN HIEROGLYPH E010; Lo; 0; L;;;;; N;;;;;
130DE; EGYPTIAN HIEROGLYPH E011;Lo;0;L;;;;N;;;;
                                                                    1313E; EGYPTIAN HIEROGLYPH F052; Lo; 0; L;;;;; N;;;;;
130DF; EGYPTIAN HIEROGLYPH E012; Lo; 0; L;;;;; N;;;;;
                                                                    1313F; EGYPTIAN HIEROGLYPH F053; Lo; 0; L;;;;; N;;;;
                                                                     13140; EGYPTIAN HIEROGLYPH G001; Lo; 0; L;;;;; N;;;;
130E0; EGYPTIAN HIEROGLYPH E013; Lo; 0; L;;;;; N;;;;;
130E1; EGYPTIAN HIEROGLYPH E014; Lo; 0; L;;;;; N;;;;;
                                                                    13141; EGYPTIAN HIEROGLYPH G002; Lo; 0; L;;;;; N;;;;
130E2; EGYPTIAN HIEROGLYPH E015; Lo; 0; L;;;;; N;;;;;
                                                                    13142; EGYPTIAN HIEROGLYPH G003; Lo; 0; L;;;;; N;;;;
                                                                    13143; EGYPTIAN HIEROGLYPH G004; Lo; 0; L;;;;; N;;;;
130E3; EGYPTIAN HIEROGLYPH E016; Lo; 0; L;;;;; N;;;;;
130E4; EGYPTIAN HIEROGLYPH E016A; Lo; 0; L;;;;; N;;;;;
                                                                    13144; EGYPTIAN HIEROGLYPH G005; Lo; 0; L;;;;; N;;;;;
130E5; EGYPTIAN HIEROGLYPH E017; Lo; 0; L;;;;; N;;;;;
                                                                    13145; EGYPTIAN HIEROGLYPH G006; Lo; 0; L;;;;; N;;;;
130E6; EGYPTIAN HIEROGLYPH E017A; Lo; 0; L;;;;; N;;;;
                                                                    13146; EGYPTIAN HIEROGLYPH G006A; Lo; 0; L;;;;; N;;;;
130E7; EGYPTIAN HIEROGLYPH E018; Lo; 0; L;;;;; N;;;;;
                                                                    13147; EGYPTIAN HIEROGLYPH G007; Lo; 0; L;;;;; N;;;;;
130E8; EGYPTIAN HIEROGLYPH E019; Lo; 0; L;;;;; N;;;;;
                                                                    13148; EGYPTIAN HIEROGLYPH G007A; Lo; 0; L;;;;; N;;;;;
130E9; EGYPTIAN HIEROGLYPH E020; Lo; 0; L;;;;; N;;;;;
                                                                    13149; EGYPTIAN HIEROGLYPH G007B; Lo; 0; L;;;;; N;;;;;
130EA; EGYPTIAN HIEROGLYPH E020A; Lo; 0; L;;;;; N;;;;
                                                                    1314A; EGYPTIAN HIEROGLYPH G008; Lo; 0; L;;;;; N;;;;;
130EB; EGYPTIAN HIEROGLYPH E021; Lo; 0; L;;;;; N;;;;
                                                                    1314B; EGYPTIAN HIEROGLYPH G009; Lo; 0; L;;;;; N;;;;
130EC; EGYPTIAN HIEROGLYPH E022; Lo; 0; L;;;;; N;;;;
                                                                    1314C; EGYPTIAN HIEROGLYPH G010; Lo; 0; L;;;;; N;;;;
130ED; EGYPTIAN HIEROGLYPH E023; Lo; 0; L;;;;; N;;;;
                                                                    1314D; EGYPTIAN HIEROGLYPH G011; Lo; 0; L;;;;; N;;;;;
130EE; EGYPTIAN HIEROGLYPH E024; Lo; 0; L;;;;; N;;;;
                                                                     1314E; EGYPTIAN HIEROGLYPH G011A; Lo; 0; L;;;;; N;;;;
130EF; EGYPTIAN HIEROGLYPH E025; Lo; 0; L;;;;; N;;;;
                                                                     1314F; EGYPTIAN HIEROGLYPH G012; Lo; 0; L;;;;; N;;;;
130F0; EGYPTIAN HIEROGLYPH E026; Lo; 0; L;;;;; N;;;;
                                                                    13150; EGYPTIAN HIEROGLYPH G013; Lo; 0; L;;;;; N;;;;
                                                                    13151; EGYPTIAN HIEROGLYPH G014; Lo; 0; L;;;;; N;;;;
130F1; EGYPTIAN HIEROGLYPH E027; Lo; 0; L;;;;; N;;;;
130F2; EGYPTIAN HIEROGLYPH E028; Lo; 0; L;;;;; N;;;;
                                                                     13152; EGYPTIAN HIEROGLYPH G015; Lo; 0; L;;;;; N;;;;;
130F3;EGYPTIAN HIEROGLYPH E028A;Lo;0;L;;;;;N;;;;;
                                                                    13153; EGYPTIAN HIEROGLYPH G016; Lo; 0; L;;;;; N;;;;;
130F4; EGYPTIAN HIEROGLYPH E029; Lo; 0; L;;;;; N;;;;
                                                                     13154; EGYPTIAN HIEROGLYPH G017; Lo; 0; L;;;;; N;;;;
130F5; EGYPTIAN HIEROGLYPH E030; Lo; 0; L;;;;; N;;;;;
                                                                    13155; EGYPTIAN HIEROGLYPH G018; Lo; 0; L;;;;; N;;;;
130F6; EGYPTIAN HIEROGLYPH E031; Lo; 0; L;;;;; N;;;;
                                                                    13156; EGYPTIAN HIEROGLYPH G019; Lo; 0; L;;;;; N;;;;;
130F7; EGYPTIAN HIEROGLYPH E032; Lo; 0; L;;;;; N;;;;;
                                                                    13157; EGYPTIAN HIEROGLYPH G020; Lo; 0; L;;;;; N;;;;;
                                                                     13158; EGYPTIAN HIEROGLYPH G020A; Lo; 0; L;;;;; N;;;;
130F8; EGYPTIAN HIEROGLYPH E033; Lo; 0; L;;;;; N;;;;;
130F9; EGYPTIAN HIEROGLYPH E034; Lo; 0; L;;;;; N;;;;;
                                                                    13159; EGYPTIAN HIEROGLYPH G021; Lo; 0; L;;;;; N;;;;
130FA; EGYPTIAN HIEROGLYPH E034A; Lo; 0; L;;;;; N;;;;;
                                                                    1315A; EGYPTIAN HIEROGLYPH G022; Lo; 0; L;;;;; N;;;;
                                                                    1315B; EGYPTIAN HIEROGLYPH G023; Lo; 0; L;;;;; N;;;;
130FB; EGYPTIAN HIEROGLYPH E035; Lo; 0; L;;;;; N;;;;
130FC; EGYPTIAN HIEROGLYPH E036; Lo; 0; L;;;;; N;;;;;
                                                                     1315C; EGYPTIAN HIEROGLYPH G024; Lo; 0; L;;;;; N;;;;;
130FD; EGYPTIAN HIEROGLYPH E037; Lo; 0; L;;;;; N;;;;
                                                                     1315D; EGYPTIAN HIEROGLYPH G025; Lo; 0; L;;;;; N;;;;;
130FE; EGYPTIAN HIEROGLYPH E038; Lo; 0; L;;;;; N;;;;;
                                                                    1315E; EGYPTIAN HIEROGLYPH G026; Lo; 0; L;;;;; N;;;;;
130FF; EGYPTIAN HIEROGLYPH F001; Lo; 0; L;;;;; N;;;;
                                                                    1315F; EGYPTIAN HIEROGLYPH G026A; Lo; 0; L;;;;; N;;;;
                                                                    13160; EGYPTIAN HIEROGLYPH G027; Lo; 0; L;;;;; N;;;;
13100; EGYPTIAN HIEROGLYPH F001A; Lo; 0; L;;;;; N;;;;
13101; EGYPTIAN HIEROGLYPH F002; Lo; 0; L;;;; N;;;;
                                                                     13161; EGYPTIAN HIEROGLYPH G028; Lo; 0; L;;;;; N;;;;;
13102; EGYPTIAN HIEROGLYPH F003; Lo; 0; L;;;;; N;;;;
                                                                     13162; EGYPTIAN HIEROGLYPH G029; Lo; 0; L;;;;; N;;;;
13103; EGYPTIAN HIEROGLYPH F004; Lo; 0; L;;;;; N;;;;
                                                                     13163; EGYPTIAN HIEROGLYPH G030; Lo; 0; L;;;;; N;;;;
13104; EGYPTIAN HIEROGLYPH F005; Lo; 0; L;;;;; N;;;;;
                                                                    13164; EGYPTIAN HIEROGLYPH G031; Lo; 0; L;;;;; N;;;;
13105; EGYPTIAN HIEROGLYPH F006; Lo; 0; L;;;;; N;;;;;
                                                                    13165; EGYPTIAN HIEROGLYPH G032; Lo; 0; L;;;;; N;;;;
13106; EGYPTIAN HIEROGLYPH F007; Lo; 0; L;;;;; N;;;;;
                                                                    13166; EGYPTIAN HIEROGLYPH G033; Lo; 0; L;;;;; N;;;;;
13107; EGYPTIAN HIEROGLYPH F008; Lo; 0; L;;;;; N;;;;
                                                                    13167; EGYPTIAN HIEROGLYPH G034; Lo; 0; L;;;;; N;;;;
13108; EGYPTIAN HIEROGLYPH F009; Lo; 0; L;;;;; N;;;;;
                                                                    13168; EGYPTIAN HIEROGLYPH G035; Lo; 0; L;;;;; N;;;;
13109; EGYPTIAN HIEROGLYPH F010; Lo; 0; L;;;;; N;;;;
                                                                    13169; EGYPTIAN HIEROGLYPH G036; Lo; 0; L;;;;; N;;;;
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1316A; EGYPTIAN HIEROGLYPH G036A; Lo; 0; L;;;;; N;;;;;
                                                                    131CA; EGYPTIAN HIEROGLYPH M016; Lo; 0; L;;;;; N;;;;;
1316B; EGYPTIAN HIEROGLYPH G037; Lo; 0; L;;;;; N;;;;
                                                                    131CB; EGYPTIAN HIEROGLYPH M016A; Lo; 0; L;;;;; N;;;;;
1316C; EGYPTIAN HIEROGLYPH G037A; Lo; 0; L;;;;; N;;;;
                                                                    131CC; EGYPTIAN HIEROGLYPH M017; Lo; 0; L;;;;; N;;;;
1316D; EGYPTIAN HIEROGLYPH G038; Lo; 0; L;;;;; N;;;;
                                                                    131CD; EGYPTIAN HIEROGLYPH M017A; Lo; 0; L;;;;; N;;;;;
                                                                    131CE; EGYPTIAN HIEROGLYPH M018; Lo; 0; L;;;;; N;;;;
1316E; EGYPTIAN HIEROGLYPH G039; Lo; 0; L;;;;; N;;;;;
1316F; EGYPTIAN HIEROGLYPH G040; Lo; 0; L;;;;; N;;;;;
                                                                    131CF; EGYPTIAN HIEROGLYPH M019; Lo; 0; L;;;;; N;;;;;
13170; EGYPTIAN HIEROGLYPH G041; Lo; 0; L;;;;; N;;;;;
                                                                    131D0; EGYPTIAN HIEROGLYPH M020; Lo; 0; L;;;;; N;;;;
13171; EGYPTIAN HIEROGLYPH G042; Lo; 0; L;;;;; N;;;;
                                                                    131D1; EGYPTIAN HIEROGLYPH M021; Lo; 0; L;;;;; N;;;;
13172; EGYPTIAN HIEROGLYPH G043; Lo; 0; L;;;;; N;;;;;
                                                                    131D2; EGYPTIAN HIEROGLYPH M022; Lo; 0; L;;;;; N;;;;;
13173; EGYPTIAN HIEROGLYPH G043A; Lo; 0; L;;;;; N;;;;
                                                                    131D3; EGYPTIAN HIEROGLYPH M022A; Lo; 0; L;;;;; N;;;;;
                                                                    131D4; EGYPTIAN HIEROGLYPH M023; Lo; 0; L;;;;; N;;;;
13174; EGYPTIAN HIEROGLYPH G044; Lo; 0; L;;;;; N;;;;
13175; EGYPTIAN HIEROGLYPH G045; Lo; 0; L;;;;; N;;;;;
                                                                    131D5; EGYPTIAN HIEROGLYPH M024; Lo; 0; L;;;;; N;;;;;
                                                                    131D6:EGYPTIAN HIEROGLYPH M024A;Lo;0;L;;;;;N;;;;
13176; EGYPTIAN HIEROGLYPH G045A; Lo; 0; L;;;;; N;;;;;
13177; EGYPTIAN HIEROGLYPH G046; Lo; 0; L;;;;; N;;;;
                                                                    131D7;EGYPTIAN HIEROGLYPH M025;Lo;0;L;;;;;N;;;;
13178; EGYPTIAN HIEROGLYPH G047; Lo; 0; L;;;;; N;;;;;
                                                                    131D8; EGYPTIAN HIEROGLYPH M026; Lo; 0; L;;;;; N;;;;
                                                                    131D9; EGYPTIAN HIEROGLYPH M027; Lo; 0; L;;;;; N;;;;
13179; EGYPTIAN HIEROGLYPH G048; Lo; 0; L;;;;; N;;;;
1317A; EGYPTIAN HIEROGLYPH G049; Lo; 0; L;;;;; N;;;;;
                                                                    131DA; EGYPTIAN HIEROGLYPH M028; Lo; 0; L;;;;; N;;;;;
1317B; EGYPTIAN HIEROGLYPH G050;Lo;0;L;;;;;N;;;;
                                                                    131DB; EGYPTIAN HIEROGLYPH M028A; Lo; 0; L;;;;; N;;;;
                                                                    131DC; EGYPTIAN HIEROGLYPH M029; Lo; 0; L;;;;; N;;;;;
1317C; EGYPTIAN HIEROGLYPH G051; Lo; 0; L;;;;; N;;;;;
1317D; EGYPTIAN HIEROGLYPH G052; Lo; 0; L;;;;; N;;;;
                                                                    131DD; EGYPTIAN HIEROGLYPH M030; Lo; 0; L;;;;; N;;;;
1317E; EGYPTIAN HIEROGLYPH G053; Lo; 0; L;;;;; N;;;;;
                                                                    131DE; EGYPTIAN HIEROGLYPH M031; Lo; 0; L;;;;; N;;;;;
                                                                    131DF; EGYPTIAN HIEROGLYPH M031A; Lo; 0; L;;;;; N;;;;
1317F; EGYPTIAN HIEROGLYPH G054; Lo; 0; L;;;;; N;;;;
13180; EGYPTIAN HIEROGLYPH H001; Lo; 0; L;;;;; N;;;;
                                                                    131E0; EGYPTIAN HIEROGLYPH M032; Lo; 0; L;;;;; N;;;;
                                                                    131E1; EGYPTIAN HIEROGLYPH M033; Lo; 0; L;;;;; N;;;;;
13181; EGYPTIAN HIEROGLYPH H002; Lo; 0; L;;;;; N;;;;;
13182; EGYPTIAN HIEROGLYPH H003; Lo; 0; L;;;;; N;;;;;
                                                                    131E2; EGYPTIAN HIEROGLYPH M033A; Lo; 0; L;;;;; N;;;;
13183; EGYPTIAN HIEROGLYPH H004; Lo; 0; L;;;;; N;;;;;
                                                                    131E3; EGYPTIAN HIEROGLYPH M033B; Lo; 0; L;;;;; N;;;;
13184; EGYPTIAN HIEROGLYPH H005; Lo; 0; L;;;;; N;;;;;
                                                                    131E4; EGYPTIAN HIEROGLYPH M034; Lo; 0; L;;;;; N;;;;;
13185; EGYPTIAN HIEROGLYPH H006; Lo; 0; L;;;;; N;;;;
                                                                    131E5; EGYPTIAN HIEROGLYPH M035; Lo; 0; L;;;;; N;;;;
                                                                    131E6; EGYPTIAN HIEROGLYPH M036; Lo; 0; L;;;;; N;;;;
13186; EGYPTIAN HIEROGLYPH H006A; Lo; 0; L;;;;; N;;;;
13187; EGYPTIAN HIEROGLYPH H007; Lo; 0; L;;;;; N;;;;;
                                                                    131E7; EGYPTIAN HIEROGLYPH M037; Lo; 0; L;;;;; N;;;;
13188; EGYPTIAN HIEROGLYPH H008; Lo; 0; L;;;;; N;;;;;
                                                                    131E8; EGYPTIAN HIEROGLYPH M038; Lo; 0; L;;;;; N;;;;
13189; EGYPTIAN HIEROGLYPH 1001; Lo; 0; L;;;;; N;;;;;
                                                                    131E9; EGYPTIAN HIEROGLYPH M039; Lo; 0; L;;;;; N;;;;
1318A; EGYPTIAN HIEROGLYPH I002; Lo; 0; L;;;;; N;;;;
                                                                    131EA; EGYPTIAN HIEROGLYPH M040; Lo; 0; L;;;;; N;;;;
                                                                    131EB; EGYPTIAN HIEROGLYPH M040A; Lo; 0; L;;;;; N;;;;;
1318B; EGYPTIAN HIEROGLYPH I003; Lo; 0; L;;;;; N;;;;;
                                                                    131EC; EGYPTIAN HIEROGLYPH M041; Lo; 0; L;;;;; N;;;;
1318C; EGYPTIAN HIEROGLYPH I004; Lo; 0; L;;;;; N;;;;;
1318D; EGYPTIAN HIEROGLYPH I005; Lo; 0; L;;;;; N;;;;;
                                                                    131ED; EGYPTIAN HIEROGLYPH M042; Lo; 0; L;;;;; N;;;;
1318E; EGYPTIAN HIEROGLYPH I005A; Lo; 0; L;;;;; N;;;;;
                                                                    131EE; EGYPTIAN HIEROGLYPH M043; Lo; 0; L;;;;; N;;;;
1318F;EGYPTIAN HIEROGLYPH I006;Lo;0;L;;;;N;;;;
                                                                    131EF; EGYPTIAN HIEROGLYPH M044; Lo; 0; L;;;;; N;;;;
                                                                    131F0; EGYPTIAN HIEROGLYPH N001; Lo; 0; L;;;;; N;;;;
13190; EGYPTIAN HIEROGLYPH I007; Lo; 0; L;;;;; N;;;;;
                                                                    131F1; EGYPTIAN HIEROGLYPH N002; Lo; 0; L;;;;; N;;;;
13191; EGYPTIAN HIEROGLYPH 1008; N1; 0; L;;;; 100000; N;;;;;
13192; EGYPTIAN HIEROGLYPH I009; Lo; 0; L;;;;; N;;;;;
                                                                    131F2; EGYPTIAN HIEROGLYPH N003; Lo; 0; L;;;;; N;;;;
13193; EGYPTIAN HIEROGLYPH 1009A; Lo; 0; L;;;;; N;;;;;
                                                                    131F3; EGYPTIAN HIEROGLYPH N004; Lo; 0; L;;;;; N;;;;
13194; EGYPTIAN HIEROGLYPH I010; Lo; 0; L;;;;; N;;;;
                                                                    131F4; EGYPTIAN HIEROGLYPH N005; Lo; 0; L;;;;; N;;;;
                                                                    131F5; EGYPTIAN HIEROGLYPH N006; Lo; 0; L;;;;; N;;;;;
13195; EGYPTIAN HIEROGLYPH I010A; Lo; 0; L;;;;; N;;;;;
                                                                    131F6; EGYPTIAN HIEROGLYPH N007; Lo; 0; L;;;;; N;;;;
13196; EGYPTIAN HIEROGLYPH I011; Lo; 0; L;;;;; N;;;;;
13197; EGYPTIAN HIEROGLYPH I011A; Lo; 0; L;;;;; N;;;;;
                                                                    131F7; EGYPTIAN HIEROGLYPH N008; Lo; 0; L;;;;; N;;;;
                                                                    131F8; EGYPTIAN HIEROGLYPH N009; Lo; 0; L;;;;; N;;;;
13198; EGYPTIAN HIEROGLYPH I012; Lo; 0; L;;;;; N;;;;;
13199; EGYPTIAN HIEROGLYPH I013; Lo; 0; L;;;;; N;;;;
                                                                    131F9; EGYPTIAN HIEROGLYPH N010; Lo; 0; L;;;;; N;;;;
                                                                    131FA; EGYPTIAN HIEROGLYPH N011; Lo; 0; L;;;;; N;;;;
1319A; EGYPTIAN HIEROGLYPH I014; Lo; 0; L;;;;; N;;;;;
                                                                    131FB; EGYPTIAN HIEROGLYPH N012; Lo; 0; L;;;;; N;;;;
1319B; EGYPTIAN HIEROGLYPH I015; Lo; 0; L;;;;; N;;;;;
1319C; EGYPTIAN HIEROGLYPH K001; Lo; 0; L;;;;; N;;;;;
                                                                    131FC; EGYPTIAN HIEROGLYPH N013; Lo; 0; L;;;;; N;;;;
1319D; EGYPTIAN HIEROGLYPH K002; Lo; 0; L;;;;; N;;;;
                                                                    131FD; EGYPTIAN HIEROGLYPH N014; Lo; 0; L;;;;; N;;;;
1319E; EGYPTIAN HIEROGLYPH K003; Lo; 0; L;;;;; N;;;;
                                                                    131FE; EGYPTIAN HIEROGLYPH N015; Lo; 0; L;;;;; N;;;;;
1319F; EGYPTIAN HIEROGLYPH K004; Lo; 0; L;;;;; N;;;;;
                                                                    131FF; EGYPTIAN HIEROGLYPH N016; Lo; 0; L;;;;; N;;;;
                                                                    13200; EGYPTIAN HIEROGLYPH N017; Lo; 0; L;;;; N;;;;
131A0; EGYPTIAN HIEROGLYPH K005; Lo; 0; L;;;;; N;;;;;
131A1; EGYPTIAN HIEROGLYPH K006; Lo; 0; L;;;;; N;;;;;
                                                                    13201; EGYPTIAN HIEROGLYPH N018; Lo; 0; L;;;;; N;;;;
131A2; EGYPTIAN HIEROGLYPH K007; Lo; 0; L;;;;; N;;;;;
                                                                    13202; EGYPTIAN HIEROGLYPH N018A; Lo; 0; L;;;;; N;;;;;
131A3; EGYPTIAN HIEROGLYPH K008; Lo; 0; L;;;;; N;;;;
                                                                    13203; EGYPTIAN HIEROGLYPH N018B; Lo; 0; L;;;;; N;;;;;
131A4; EGYPTIAN HIEROGLYPH L001; Lo; 0; L;;;;; N;;;;;
                                                                    13204; EGYPTIAN HIEROGLYPH N019; Lo; 0; L;;;;; N;;;;;
131A5; EGYPTIAN HIEROGLYPH L002; Lo; 0; L;;;;; N;;;;
                                                                    13205; EGYPTIAN HIEROGLYPH N020; Lo; 0; L;;;;; N;;;;
131A6; EGYPTIAN HIEROGLYPH L002A; Lo; 0; L;;;;; N;;;;
                                                                    13206; EGYPTIAN HIEROGLYPH N021; Lo; 0; L;;;;; N;;;;
131A7; EGYPTIAN HIEROGLYPH L003; Lo; 0; L;;;;; N;;;;
                                                                    13207; EGYPTIAN HIEROGLYPH N022; Lo; 0; L;;;;; N;;;;
131A8; EGYPTIAN HIEROGLYPH L004; Lo; 0; L;;;; N;;;;
                                                                    13208; EGYPTIAN HIEROGLYPH N023; Lo; 0; L;;;;; N;;;;;
                                                                    13209; EGYPTIAN HIEROGLYPH N024; Lo; 0; L;;;;; N;;;;;
131A9; EGYPTIAN HIEROGLYPH L005; Lo; 0; L;;;;; N;;;;;
131AA; EGYPTIAN HIEROGLYPH L006; Lo; 0; L;;;;; N;;;;;
                                                                    1320A; EGYPTIAN HIEROGLYPH N025; Lo; 0; L;;;;; N;;;;
131AB; EGYPTIAN HIEROGLYPH L006A; Lo; 0; L;;;;; N;;;;;
                                                                    1320B; EGYPTIAN HIEROGLYPH N025A; Lo; 0; L;;;;; N;;;;
                                                                    1320C; EGYPTIAN HIEROGLYPH N026; Lo; 0; L;;;;; N;;;;
131AC; EGYPTIAN HIEROGLYPH L007; Lo; 0; L;;;;; N;;;;
131AD; EGYPTIAN HIEROGLYPH L008; Lo; 0; L;;;;; N;;;;
                                                                    1320D; EGYPTIAN HIEROGLYPH N027; Lo; 0; L;;;;; N;;;;
                                                                    1320E; EGYPTIAN HIEROGLYPH N028; Lo; 0; L;;;;; N;;;;
131AE; EGYPTIAN HIEROGLYPH M001; Lo; 0; L;;;;; N;;;;;
131AF; EGYPTIAN HIEROGLYPH M001A; Lo; 0; L;;;;; N;;;;
                                                                    1320F; EGYPTIAN HIEROGLYPH N029; Lo; 0; L;;;;; N;;;;
131B0; EGYPTIAN HIEROGLYPH M001B; Lo; 0; L;;;;; N;;;;
                                                                    13210; EGYPTIAN HIEROGLYPH N030; Lo; 0; L;;;;; N;;;;
                                                                    13211; EGYPTIAN HIEROGLYPH N031; Lo; 0; L;;;;; N;;;;
131B1; EGYPTIAN HIEROGLYPH M002; Lo; 0; L;;;;; N;;;;
131B2;EGYPTIAN HIEROGLYPH M003;Lo;0;L;;;;N;;;;
                                                                    13212; EGYPTIAN HIEROGLYPH N032; Lo; 0; L;;;;; N;;;;;
131B3;EGYPTIAN HIEROGLYPH M003A;Lo;0;L;;;;;N;;;;
                                                                    13213; EGYPTIAN HIEROGLYPH N033; Lo; 0; L;;;;; N;;;;;
131B4; EGYPTIAN HIEROGLYPH M004; Lo; 0; L;;;;; N;;;;
                                                                    13214; EGYPTIAN HIEROGLYPH N033A; Lo; 0; L;;;;; N;;;;
131B5; EGYPTIAN HIEROGLYPH M005; Lo; 0; L;;;;; N;;;;;
                                                                    13215; EGYPTIAN HIEROGLYPH N034; Lo; 0; L;;;;; N;;;;;
131B6; EGYPTIAN HIEROGLYPH M006; Lo; 0; L;;;;; N;;;;;
                                                                    13216; EGYPTIAN HIEROGLYPH N034A; Lo; 0; L;;;;; N;;;;;
131B7; EGYPTIAN HIEROGLYPH M007; Lo; 0; L;;;;; N;;;;
                                                                    13217; EGYPTIAN HIEROGLYPH N035; Lo; 0; L;;;;; N;;;;
                                                                    13218; EGYPTIAN HIEROGLYPH N035A; Lo; 0; L;;;;; N;;;;
131B8; EGYPTIAN HIEROGLYPH M008; Lo; 0; L;;;;; N;;;;;
131B9; EGYPTIAN HIEROGLYPH M009; Lo; 0; L;;;; N;;;;
                                                                    13219; EGYPTIAN HIEROGLYPH N036; Lo; 0; L;;;;; N;;;;
131BA; EGYPTIAN HIEROGLYPH M010; Lo; 0; L;;;;; N;;;;
                                                                    1321A; EGYPTIAN HIEROGLYPH N037; Lo; 0; L;;;;; N;;;;;
131BB; EGYPTIAN HIEROGLYPH M010A; Lo; 0; L;;;;; N;;;;
                                                                    1321B; EGYPTIAN HIEROGLYPH N037A; Lo; 0; L;;;;; N;;;;
131BC; EGYPTIAN HIEROGLYPH M011; Lo; 0; L;;;;; N;;;;;
                                                                    1321C; EGYPTIAN HIEROGLYPH N038; Lo; 0; L;;;;; N;;;;;
131BD; EGYPTIAN HIEROGLYPH M012; N1; 0; L; ;; ; 1000; N; ;; ;;
                                                                    1321D; EGYPTIAN HIEROGLYPH N039; Lo; 0; L;;;;; N;;;;
131BE; EGYPTIAN HIEROGLYPH M012A; N1; 0; L;;;; 2000; N;;;;;
                                                                    1321E; EGYPTIAN HIEROGLYPH N040; Lo; 0; L;;;;; N;;;;;
131BF; EGYPTIAN HIEROGLYPH M012B; N1; 0; L;;;; 3000; N;;;;;
                                                                    1321F; EGYPTIAN HIEROGLYPH N041; Lo; 0; L;;;;; N;;;;
                                                                    13220; EGYPTIAN HIEROGLYPH N042; Lo; 0; L;;;;; N;;;;
131C0; EGYPTIAN HIEROGLYPH M012C; N1; 0; L;;;; 4000; N;;;;;
131C1; EGYPTIAN HIEROGLYPH M012D; N1; 0; L;;;; 5000; N;;;;;
                                                                    13221; EGYPTIAN HIEROGLYPH NL001; Lo; 0; L;;;;; N;;;;;
131C2; EGYPTIAN HIEROGLYPH M012E; N1; 0; L;;;; 6000; N;;;;;
                                                                    13222; EGYPTIAN HIEROGLYPH NL002; Lo; 0; L;;;;; N;;;;;
131C3; EGYPTIAN HIEROGLYPH M012F; N1; 0; L;;;; 7000; N;;;;;
                                                                    13223; EGYPTIAN HIEROGLYPH NL003; Lo; 0; L;;;;; N;;;;
131C4; EGYPTIAN HIEROGLYPH M012G; N1; 0; L;;;; 8000; N;;;;;
                                                                    13224; EGYPTIAN HIEROGLYPH NL004; Lo; 0; L;;;;; N;;;;;
                                                                    13225; EGYPTIAN HIEROGLYPH NL005; Lo; 0; L;;;;; N;;;;;
131C5; EGYPTIAN HIEROGLYPH M012H; N1; 0; L;;;; 9000; N;;;;;
131C6; EGYPTIAN HIEROGLYPH M013; Lo; 0; L;;;;; N;;;;
                                                                    13226; EGYPTIAN HIEROGLYPH NL005A; Lo; 0; L;;;;; N;;;;
131C7; EGYPTIAN HIEROGLYPH M014; Lo; 0; L;;;;; N;;;;
                                                                    13227; EGYPTIAN HIEROGLYPH NL006; Lo; 0; L;;;;; N;;;;;
131C8; EGYPTIAN HIEROGLYPH M015; Lo; 0; L;;;;; N;;;;
                                                                    13228; EGYPTIAN HIEROGLYPH NL007; Lo; 0; L;;;;; N;;;;
131C9; EGYPTIAN HIEROGLYPH M015A; Lo; 0; L;;;;; N;;;;
                                                                   13229; EGYPTIAN HIEROGLYPH NL008; Lo; 0; L;;;;; N;;;;
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1322A; EGYPTIAN HIEROGLYPH NL009; Lo; 0; L;;;;; N;;;;;
                                                                     1328A; EGYPTIAN HIEROGLYPH 0036D; Lo; 0; L;;;;; N;;;;;
1322B; EGYPTIAN HIEROGLYPH NL010; Lo; 0; L;;;;; N;;;;;
                                                                     1328B; EGYPTIAN HIEROGLYPH 0037; Lo; 0; L;;;;; N;;;;
                                                                     1328C; EGYPTIAN HIEROGLYPH 0038; Lo; 0; L;;;;; N;;;;
1322C; EGYPTIAN HIEROGLYPH NL011; Lo; 0; L;;;;; N;;;;
1322D; EGYPTIAN HIEROGLYPH NL012; Lo; 0; L;;;;; N;;;;
                                                                     1328D; EGYPTIAN HIEROGLYPH 0039; Lo; 0; L;;;;; N;;;;
                                                                     1328E; EGYPTIAN HIEROGLYPH 0040; Lo; 0; L;;;;; N;;;;
1322E; EGYPTIAN HIEROGLYPH NL013; Lo; 0; L;;;;; N;;;;
1322F; EGYPTIAN HIEROGLYPH NL014; Lo; 0; L;;;;; N;;;;;
                                                                     1328F; EGYPTIAN HIEROGLYPH 0041; Lo; 0; L;;;;; N;;;;
13230; EGYPTIAN HIEROGLYPH NL015; Lo; 0; L;;;;; N;;;;;
                                                                     13290; EGYPTIAN HIEROGLYPH 0042; Lo; 0; L;;;;; N;;;;
                                                                     13291; EGYPTIAN HIEROGLYPH 0043; Lo; 0; L;;;;; N;;;;
13231; EGYPTIAN HIEROGLYPH NL016; Lo; 0; L;;;; N;;;;
13232; EGYPTIAN HIEROGLYPH NL017; Lo; 0; L;;;;; N;;;;;
                                                                     13292; EGYPTIAN HIEROGLYPH 0044; Lo; 0; L;;;;; N;;;;;
13233; EGYPTIAN HIEROGLYPH NL017A; Lo; 0; L;;;;; N;;;;;
                                                                     13293; EGYPTIAN HIEROGLYPH 0045; Lo; 0; L;;;;; N;;;;
13234; EGYPTIAN HIEROGLYPH NL018; Lo; 0; L;;;;; N;;;;
                                                                     13294; EGYPTIAN HIEROGLYPH 0046; Lo; 0; L;;;;; N;;;;
13235; EGYPTIAN HIEROGLYPH NL019; Lo; 0; L;;;;; N;;;;;
                                                                     13295; EGYPTIAN HIEROGLYPH 0047; Lo; 0; L;;;;; N;;;;
                                                                     13296; EGYPTIAN HIEROGLYPH 0048; Lo; 0; L;;;;; N;;;;;
13236; EGYPTIAN HIEROGLYPH NL020; Lo; 0; L;;;;; N;;;;;
13237; EGYPTIAN HIEROGLYPH NU001; Lo; 0; L; ;; ;; N; ;; ;;
                                                                     13297;EGYPTIAN HIEROGLYPH 0049;Lo;0;L;;;;;N;;;;
13238; EGYPTIAN HIEROGLYPH NU002; Lo; 0; L;;;;; N;;;;
                                                                     13298; EGYPTIAN HIEROGLYPH 0050; Lo; 0; L;;;;; N;;;;
13239; EGYPTIAN HIEROGLYPH NU003; Lo; 0; L;;;;; N;;;;;
                                                                     13299; EGYPTIAN HIEROGLYPH 0050A; Lo; 0; L;;;;; N;;;;;
1323A; EGYPTIAN HIEROGLYPH NU004; Lo; 0; L;;;;; N;;;;;
                                                                     1329A; EGYPTIAN HIEROGLYPH O050B; Lo; 0; L;;;;; N;;;;
1323B; EGYPTIAN HIEROGLYPH NU005; Lo; 0; L;;;;; N;;;;
                                                                     1329B; EGYPTIAN HIEROGLYPH 0051; Lo; 0; L;;;;; N;;;;
1323C; EGYPTIAN HIEROGLYPH NU006; Lo; 0; L;;;;; N;;;;;
                                                                     1329C; EGYPTIAN HIEROGLYPH P001; Lo; 0; L;;;;; N;;;;;
                                                                     1329D; EGYPTIAN HIEROGLYPH P001A; Lo; 0; L;;;;; N;;;;
1323D; EGYPTIAN HIEROGLYPH NU007; Lo; 0; L;;;;; N;;;;
1323E; EGYPTIAN HIEROGLYPH NU008; Lo; 0; L;;;;; N;;;;;
                                                                     1329E; EGYPTIAN HIEROGLYPH P002; Lo; 0; L;;;;; N;;;;;
1323F; EGYPTIAN HIEROGLYPH NU009; Lo; 0; L;;;;; N;;;;
                                                                    1329F; EGYPTIAN HIEROGLYPH P003; Lo; 0; L;;;;; N;;;;;
13240; EGYPTIAN HIEROGLYPH NU010; Lo; 0; L;;;; N;;;; 13241; EGYPTIAN HIEROGLYPH NU010A; Lo; 0; L;;;; N;;;;
                                                                     132A0; EGYPTIAN HIEROGLYPH P003A; Lo; 0; L;;;;; N;;;;
                                                                     132A1; EGYPTIAN HIEROGLYPH P004; Lo; 0; L;;;;; N;;;;;
13242; EGYPTIAN HIEROGLYPH NU011; Lo; 0; L;;;;; N;;;;
                                                                     132A2; EGYPTIAN HIEROGLYPH P005; Lo; 0; L;;;;; N;;;;
13243; EGYPTIAN HIEROGLYPH NU011A; Lo; 0; L;;;;; N;;;;
                                                                     132A3; EGYPTIAN HIEROGLYPH P006; Lo; 0; L;;;;; N;;;;
13244; EGYPTIAN HIEROGLYPH NU012; Lo; 0; L;;;;; N;;;;
                                                                     132A4; EGYPTIAN HIEROGLYPH P007; Lo; 0; L;;;;; N;;;;
13245; EGYPTIAN HIEROGLYPH NU013; Lo; 0; L;;;;; N;;;;
                                                                     132A5; EGYPTIAN HIEROGLYPH P008; Lo; 0; L;;;;; N;;;;
13246; EGYPTIAN HIEROGLYPH NU014; Lo; 0; L;;;;; N;;;;
                                                                     132A6; EGYPTIAN HIEROGLYPH P009; Lo; 0; L;;;;; N;;;;
13247; EGYPTIAN HIEROGLYPH NU015; Lo; 0; L;;;;; N;;;;;
                                                                     132A7; EGYPTIAN HIEROGLYPH P010; Lo; 0; L;;;;; N;;;;
13248; EGYPTIAN HIEROGLYPH NU016; Lo; 0; L;;;;; N;;;;;
                                                                     132A8; EGYPTIAN HIEROGLYPH P011; Lo; 0; L;;;;; N;;;;
13249; EGYPTIAN HIEROGLYPH NU017; Lo; 0; L;;;;; N;;;;;
                                                                     132A9; EGYPTIAN HIEROGLYPH Q001; Lo; 0; L;;;;; N;;;;
1324A; EGYPTIAN HIEROGLYPH NU018; Lo; 0; L;;;;; N;;;;;
                                                                     132AA; EGYPTIAN HIEROGLYPH Q002; Lo; 0; L;;;;; N;;;;
1324B; EGYPTIAN HIEROGLYPH NU018A; Lo; 0; L;;;;; N;;;;;
                                                                     132AB; EGYPTIAN HIEROGLYPH Q003; Lo; 0; L;;;;; N;;;;
1324C; EGYPTIAN HIEROGLYPH NU019; Lo; 0; L;;;;; N;;;;
                                                                     132AC; EGYPTIAN HIEROGLYPH Q004; Lo; 0; L;;;;; N;;;;
1324D; EGYPTIAN HIEROGLYPH NU020; Lo; 0; L;;;;; N;;;;
                                                                     132AD; EGYPTIAN HIEROGLYPH Q005; Lo; 0; L;;;;; N;;;;
1324E; EGYPTIAN HIEROGLYPH NU021; Lo; 0; L;;;;; N;;;;;
                                                                    132AE; EGYPTIAN HIEROGLYPH Q006; Lo; 0; L;;;;; N;;;;
1324F;EGYPTIAN HIEROGLYPH NU022;Lo;0;L;;;;N;;;;
13250;EGYPTIAN HIEROGLYPH NU022A;Lo;0;L;;;;N;;;;
                                                                     132AF;EGYPTIAN HIEROGLYPH Q007;Lo;0;L;;;;N;;;;
                                                                     132B0; EGYPTIAN HIEROGLYPH R001; Lo; 0; L;;;;; N;;;;
13251; EGYPTIAN HIEROGLYPH 0001; Lo; 0; L;;;;; N;;;;
                                                                     132B1; EGYPTIAN HIEROGLYPH R002; Lo; 0; L;;;;; N;;;;;
13252; EGYPTIAN HIEROGLYPH O001A; Lo; 0; L;;;;; N;;;;;
                                                                     132B2; EGYPTIAN HIEROGLYPH R002A; Lo; 0; L;;;;; N;;;;;
13253; EGYPTIAN HIEROGLYPH 0002; Lo; 0; L;;;;; N;;;;;
                                                                     132B3; EGYPTIAN HIEROGLYPH R003; Lo; 0; L;;;;; N;;;;;
13254; EGYPTIAN HIEROGLYPH 0003; Lo; 0; L;;;;; N;;;;
                                                                     132B4; EGYPTIAN HIEROGLYPH R003A; Lo; 0; L;;;;; N;;;;
13255; EGYPTIAN HIEROGLYPH 0004; Lo; 0; L;;;;; N;;;;
                                                                     132B5; EGYPTIAN HIEROGLYPH R003B; Lo; 0; L;;;;; N;;;;;
13256; EGYPTIAN HIEROGLYPH 0005; Lo; 0; L;;;;; N;;;;
                                                                     132B6; EGYPTIAN HIEROGLYPH R004; Lo; 0; L;;;;; N;;;;
13257; EGYPTIAN HIEROGLYPH 0005A; Lo; 0; L;;;;; N;;;;;
                                                                    132B7; EGYPTIAN HIEROGLYPH R005; Lo; 0; L;;;;; N;;;;
                                                                     132B8; EGYPTIAN HIEROGLYPH R006; Lo; 0; L;;;;; N;;;;
13258; EGYPTIAN HIEROGLYPH 0006; Lo; 0; L;;;;; N;;;;;
13259; EGYPTIAN HIEROGLYPH O006A; Lo; 0; L;;;;; N;;;;;
                                                                     132B9;EGYPTIAN HIEROGLYPH R007;Lo;0;L;;;;;N;;;;
                                                                     132BA; EGYPTIAN HIEROGLYPH R008; Lo; 0; L;;;;; N;;;;;
1325A; EGYPTIAN HIEROGLYPH O006B; Lo; 0; L;;;;; N;;;;;
1325B; EGYPTIAN HIEROGLYPH O006C; Lo; 0; L;;;;; N;;;;
                                                                     132BB; EGYPTIAN HIEROGLYPH R009; Lo; 0; L;;;;; N;;;;
1325C; EGYPTIAN HIEROGLYPH 0006D; Lo; 0; L;;;;; N;;;;;
                                                                     132BC; EGYPTIAN HIEROGLYPH R010; Lo; 0; L;;;;; N;;;;
1325D; EGYPTIAN HIEROGLYPH 0006E; Lo; 0; L;;;;; N;;;;;
                                                                    132BD; EGYPTIAN HIEROGLYPH R010A; Lo; 0; L;;;;; N;;;;;
1325F;EGYPTIAN HIEROGLYPH 0006F;Lo;0;L;;;;N;;;;;
1325F;EGYPTIAN HIEROGLYPH 0007;Lo;0;L;;;;N;;;;;
                                                                     132BE; EGYPTIAN HIEROGLYPH R011; Lo; 0; L;;;;; N;;;;;
                                                                     132BF; EGYPTIAN HIEROGLYPH R012; Lo; 0; L;;;;; N;;;;
                                                                     132C0; EGYPTIAN HIEROGLYPH R013; Lo; 0; L;;;;; N;;;;
13260; EGYPTIAN HIEROGLYPH 0008; Lo; 0; L;;;;; N;;;;;
13261; EGYPTIAN HIEROGLYPH 0009; Lo; 0; L;;;;; N;;;;;
                                                                     132C1; EGYPTIAN HIEROGLYPH R014; Lo; 0; L;;;;; N;;;;
13262; EGYPTIAN HIEROGLYPH 0010; Lo; 0; L;;;;; N;;;;;
                                                                     132C2; EGYPTIAN HIEROGLYPH R015; Lo; 0; L;;;;; N;;;;;
13263; EGYPTIAN HIEROGLYPH 0010A; Lo; 0; L;;;;; N;;;;
                                                                     132C3; EGYPTIAN HIEROGLYPH R016; Lo; 0; L;;;;; N;;;;
13264; EGYPTIAN HIEROGLYPH O010B; Lo; 0; L;;;;; N;;;;;
                                                                     132C4; EGYPTIAN HIEROGLYPH R016A; Lo; 0; L;;;;; N;;;;;
13265; EGYPTIAN HIEROGLYPH O010C; Lo; 0; L;;;;; N;;;;
                                                                     132C5; EGYPTIAN HIEROGLYPH R017; Lo; 0; L;;;;; N;;;;;
13266; EGYPTIAN HIEROGLYPH 0011; Lo; 0; L;;;;; N;;;;;
                                                                     132C6; EGYPTIAN HIEROGLYPH R018; Lo; 0; L;;;;; N;;;;
13267; EGYPTIAN HIEROGLYPH 0012; Lo; 0; L;;;;; N;;;;;
                                                                     132C7; EGYPTIAN HIEROGLYPH R019; Lo; 0; L;;;;; N;;;;;
13268; EGYPTIAN HIEROGLYPH O013; Lo; 0; L;;;;; N;;;;
                                                                     132C8; EGYPTIAN HIEROGLYPH R020; Lo; 0; L;;;;; N;;;;;
13269; EGYPTIAN HIEROGLYPH 0014; Lo; 0; L;;;;; N;;;;;
                                                                     132C9; EGYPTIAN HIEROGLYPH R021; Lo; 0; L;;;;; N;;;;
1326A; EGYPTIAN HIEROGLYPH 0015; Lo; 0; L;;;;; N;;;;;
                                                                     132CA; EGYPTIAN HIEROGLYPH R022; Lo; 0; L;;;;; N;;;;;
1326B; EGYPTIAN HIEROGLYPH 0016; Lo; 0; L;;;;; N;;;;;
                                                                     132CB; EGYPTIAN HIEROGLYPH R023; Lo; 0; L;;;;; N;;;;
                                                                     132CC; EGYPTIAN HIEROGLYPH R024; Lo; 0; L;;;;; N;;;;
1326C; EGYPTIAN HIEROGLYPH 0017; Lo; 0; L;;;;; N;;;;
1326D; EGYPTIAN HIEROGLYPH 0018; Lo; 0; L;;;;; N;;;;;
                                                                     132CD; EGYPTIAN HIEROGLYPH R025; Lo; 0; L;;;;; N;;;;
1326E; EGYPTIAN HIEROGLYPH 0019; Lo; 0; L;;;;; N;;;;
                                                                     132CE; EGYPTIAN HIEROGLYPH R026; Lo; 0; L;;;;; N;;;;
1326F; EGYPTIAN HIEROGLYPH 0019A; Lo; 0; L;;;;; N;;;;
                                                                     132CF; EGYPTIAN HIEROGLYPH R027; Lo; 0; L;;;;; N;;;;
13270; EGYPTIAN HIEROGLYPH 0020; Lo; 0; L;;;;; N;;;;
                                                                     132D0; EGYPTIAN HIEROGLYPH R028; Lo; 0; L;;;;; N;;;;
13271; EGYPTIAN HIEROGLYPH O020A; Lo; 0; L;;;;; N;;;;
                                                                     132D1; EGYPTIAN HIEROGLYPH R029; Lo; 0; L;;;;; N;;;;
13272; EGYPTIAN HIEROGLYPH 0021; Lo; 0; L;;;; N;;;;
                                                                     132D2; EGYPTIAN HIEROGLYPH S001; Lo; 0; L;;;;; N;;;;;
13273; EGYPTIAN HIEROGLYPH O022; Lo; 0; L;;;;; N;;;;;
                                                                     132D3; EGYPTIAN HIEROGLYPH S002; Lo; 0; L;;;;; N;;;;;
                                                                     132D4; EGYPTIAN HIEROGLYPH S002A; Lo; 0; L;;;;; N;;;;
13274; EGYPTIAN HIEROGLYPH 0023; Lo; 0; L;;;;; N;;;;;
13275; EGYPTIAN HIEROGLYPH 0024; Lo; 0; L;;;;; N;;;;;
                                                                     132D5; EGYPTIAN HIEROGLYPH S003; Lo; 0; L;;;;; N;;;;;
13276; EGYPTIAN HIEROGLYPH 0024A; Lo; 0; L;;;;; N;;;;
                                                                     132D6; EGYPTIAN HIEROGLYPH S004; Lo; 0; L;;;;; N;;;;
13277; EGYPTIAN HIEROGLYPH 0025; Lo; 0; L;;;;; N;;;;
                                                                     132D7; EGYPTIAN HIEROGLYPH S005; Lo; 0; L;;;;; N;;;;
                                                                     132D8; EGYPTIAN HIEROGLYPH S006; Lo; 0; L;;;;; N;;;;
13278; EGYPTIAN HIEROGLYPH 0025A; Lo; 0; L;;;;; N;;;;
13279; EGYPTIAN HIEROGLYPH O026; Lo; 0; L;;;; N;;;;
                                                                     132D9; EGYPTIAN HIEROGLYPH S006A; Lo; 0; L;;;;; N;;;;
1327A; EGYPTIAN HIEROGLYPH 0027; Lo; 0; L;;;;; N;;;;;
                                                                     132DA; EGYPTIAN HIEROGLYPH S007; Lo; 0; L;;;;; N;;;;;
                                                                     132DB; EGYPTIAN HIEROGLYPH S008; Lo; 0; L;;;;; N;;;;
1327B; EGYPTIAN HIEROGLYPH 0028; Lo; 0; L;;;;; N;;;;;
1327C; EGYPTIAN HIEROGLYPH 0029; Lo; 0; L;;;;; N;;;;
                                                                     132DC; EGYPTIAN HIEROGLYPH S009; Lo; 0; L;;;;; N;;;;;
1327D; EGYPTIAN HIEROGLYPH O029A; Lo; 0; L;;;;; N;;;;
                                                                     132DD; EGYPTIAN HIEROGLYPH S010; Lo; 0; L;;;;; N;;;;
1327E; EGYPTIAN HIEROGLYPH 0030; Lo; 0; L; ;; ;; N; ;; ;;
                                                                     132DE; EGYPTIAN HIEROGLYPH S011; Lo; 0; L;;;;; N;;;;;
1327F; EGYPTIAN HIEROGLYPH 0030A; Lo; 0; L;;;;; N;;;;
                                                                     132DF; EGYPTIAN HIEROGLYPH S012; Lo; 0; L;;;;; N;;;;
13280; EGYPTIAN HIEROGLYPH 0031; Lo; 0; L;;;;; N;;;;;
                                                                     132E0; EGYPTIAN HIEROGLYPH S013; Lo; 0; L;;;;; N;;;;
13281; EGYPTIAN HIEROGLYPH 0032; Lo; 0; L;;;;; N;;;;
                                                                     132E1; EGYPTIAN HIEROGLYPH S014; Lo; 0; L;;;;; N;;;;;
13282; EGYPTIAN HIEROGLYPH 0033; Lo; 0; L;;;;; N;;;;;
                                                                     132E2; EGYPTIAN HIEROGLYPH S014A; Lo; 0; L;;;;; N;;;;;
13283; EGYPTIAN HIEROGLYPH 0033A; Lo; 0; L;;;;; N;;;;
                                                                     132E3; EGYPTIAN HIEROGLYPH S014B; Lo; 0; L;;;;; N;;;;;
13284; EGYPTIAN HIEROGLYPH 0034; Lo; 0; L;;;;; N;;;;
                                                                     132E4; EGYPTIAN HIEROGLYPH S015; Lo; 0; L;;;;; N;;;;;
13285; EGYPTIAN HIEROGLYPH 0035; Lo; 0; L;;;;; N;;;;;
                                                                    132E5; EGYPTIAN HIEROGLYPH S016; Lo; 0; L;;;;; N;;;;
13286; EGYPTIAN HIEROGLYPH 0036; Lo; 0; L;;;;; N;;;;
                                                                    132E6; EGYPTIAN HIEROGLYPH S017; Lo; 0; L;;;;; N;;;;;
13287; EGYPTIAN HIEROGLYPH 0036A; Lo; 0; L;;;;; N;;;;
                                                                    132E7; EGYPTIAN HIEROGLYPH S017A; Lo; 0; L;;;;; N;;;;;
13288; EGYPTIAN HIEROGLYPH 0036B; Lo; 0; L;;;;; N;;;;
                                                                    132E8; EGYPTIAN HIEROGLYPH S018; Lo; 0; L;;;;; N;;;;
13289; EGYPTIAN HIEROGLYPH 0036C; Lo; 0; L;;;;; N;;;;
                                                                    132E9; EGYPTIAN HIEROGLYPH S019; Lo; 0; L;;;;; N;;;;
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132EA; EGYPTIAN HIEROGLYPH S020; Lo; 0; L;;;;; N;;;;;
                                                                      1334A; EGYPTIAN HIEROGLYPH U023; Lo; 0; L;;;;; N;;;;
132EB; EGYPTIAN HIEROGLYPH S021; Lo; 0; L;;;;; N;;;;;
                                                                      1334B; EGYPTIAN HIEROGLYPH U023A; Lo; 0; L;;;;; N;;;;;
132EC; EGYPTIAN HIEROGLYPH S022; Lo; 0; L;;;;; N;;;;
                                                                      1334C; EGYPTIAN HIEROGLYPH U024; Lo; 0; L;;;;; N;;;;
132ED; EGYPTIAN HIEROGLYPH S023; Lo; 0; L;;;;; N;;;;;
                                                                      1334D; EGYPTIAN HIEROGLYPH U025; Lo; 0; L;;;;; N;;;;
132EE; EGYPTIAN HIEROGLYPH S024; Lo; 0; L;;;;; N;;;;
                                                                      1334E; EGYPTIAN HIEROGLYPH U026; Lo; 0; L;;;;; N;;;;
                                                                      1334F; EGYPTIAN HIEROGLYPH U027; Lo; 0; L;;;;; N;;;;
132EF; EGYPTIAN HIEROGLYPH S025; Lo; 0; L;;;;; N;;;;;
132F0; EGYPTIAN HIEROGLYPH S026; Lo; 0; L;;;;; N;;;;;
                                                                      13350; EGYPTIAN HIEROGLYPH U028; Lo; 0; L;;;;; N;;;;
132F1; EGYPTIAN HIEROGLYPH S027; Lo; 0; L;;;;; N;;;;
                                                                      13351; EGYPTIAN HIEROGLYPH U029; Lo; 0; L;;;; N;;;; 13352; EGYPTIAN HIEROGLYPH U029A; Lo; 0; L;;;; N;;;;
132F2; EGYPTIAN HIEROGLYPH S028; Lo; 0; L;;;;; N;;;;;
132F3; EGYPTIAN HIEROGLYPH S029; Lo; 0; L;;;;; N;;;;;
                                                                      13353; EGYPTIAN HIEROGLYPH U030; Lo; 0; L;;;;; N;;;;;
                                                                      13354; EGYPTIAN HIEROGLYPH U031; Lo; 0; L;;;;; N;;;;
132F4; EGYPTIAN HIEROGLYPH S030; Lo; 0; L;;;;; N;;;;;
132F5; EGYPTIAN HIEROGLYPH S031; Lo; 0; L;;;;; N;;;;;
                                                                      13355; EGYPTIAN HIEROGLYPH U032; Lo; 0; L;;;;; N;;;;
                                                                      13356:EGYPTIAN HIEROGLYPH U032A;Lo;0;L;;;;;N;;;;
132F6; EGYPTIAN HIEROGLYPH S032; Lo; 0; L;;;;; N;;;;;
132F7; EGYPTIAN HIEROGLYPH S033; Lo; 0; L;;;;; N;;;;;
                                                                      13357; EGYPTIAN HIEROGLYPH U033; Lo; 0; L;;;;; N;;;;
132F8; EGYPTIAN HIEROGLYPH S034; Lo; 0; L;;;;; N;;;;;
                                                                      13358; EGYPTIAN HIEROGLYPH U034; Lo; 0; L;;;;; N;;;;
                                                                      13359; EGYPTIAN HIEROGLYPH U035; Lo; 0; L;;;;; N;;;;
132F9; EGYPTIAN HIEROGLYPH S035; Lo; 0; L;;;;; N;;;;;
132FA; EGYPTIAN HIEROGLYPH S035A; Lo; 0; L;;;;; N;;;;;
                                                                      1335A; EGYPTIAN HIEROGLYPH U036; Lo; 0; L;;;;; N;;;;
132FB; EGYPTIAN HIEROGLYPH S036; Lo; 0; L;;;;; N;;;;
                                                                      1335B; EGYPTIAN HIEROGLYPH U037; Lo; 0; L;;;;; N;;;;
132FC; EGYPTIAN HIEROGLYPH S037; Lo; 0; L;;;;; N;;;;;
                                                                      1335C; EGYPTIAN HIEROGLYPH U038; Lo; 0; L;;;;; N;;;;;
132FD; EGYPTIAN HIEROGLYPH S038; Lo; 0; L;;;;; N;;;;
                                                                      1335D; EGYPTIAN HIEROGLYPH U039; Lo; 0; L;;;;; N;;;;
132FE; EGYPTIAN HIEROGLYPH S039; Lo; 0; L;;;;; N;;;;;
                                                                      1335E; EGYPTIAN HIEROGLYPH U040; Lo; 0; L;;;;; N;;;;
132FF; EGYPTIAN HIEROGLYPH S040; Lo; 0; L;;;;; N;;;;
                                                                      1335F; EGYPTIAN HIEROGLYPH U041; Lo; 0; L;;;;; N;;;;
13300; EGYPTIAN HIEROGLYPH S041; Lo; 0; L;;;;; N;;;;
                                                                      13360; EGYPTIAN HIEROGLYPH U042;Lo;0;L;;;;N;;;;
13361; EGYPTIAN HIEROGLYPH V001;N1;0;L;;;;100;N;;;;
13301; EGYPTIAN HIEROGLYPH S042; Lo; 0; L;;;;; N;;;;;
13302; EGYPTIAN HIEROGLYPH S043; Lo; 0; L;;;;; N;;;;;
                                                                      13362; EGYPTIAN HIEROGLYPH V001A; N1; 0; L;;;; 200; N;;;;;
13303; EGYPTIAN HIEROGLYPH S044; Lo; 0; L;;;;; N;;;;;
                                                                      13363; EGYPTIAN HIEROGLYPH V001B; N1; 0; L;;;; 300; N;;;;;
13304; EGYPTIAN HIEROGLYPH S045; Lo; 0; L;;;;; N;;;;;
                                                                      13364; EGYPTIAN HIEROGLYPH V001C; N1; 0; L;;;; 400; N;;;;;
13305; EGYPTIAN HIEROGLYPH S046; Lo; 0; L;;;; N;;;;
                                                                      13365; EGYPTIAN HIEROGLYPH V001D; N1; 0; L;;;; 500; N;;;;;
13306; EGYPTIAN HIEROGLYPH T001; Lo; 0; L;;;;; N;;;;;
                                                                      13366; EGYPTIAN HIEROGLYPH V001E; N1; 0; L; ; ; ; 600; N; ; ; ;
13307; EGYPTIAN HIEROGLYPH T002; Lo; 0; L;;;;; N;;;;;
                                                                      13367; EGYPTIAN HIEROGLYPH V001F; N1; 0; L; ;; ; 700; N; ;; ;;
13308; EGYPTIAN HIEROGLYPH T003; Lo; 0; L;;;;; N;;;;;
                                                                      13368; EGYPTIAN HIEROGLYPH V001G; N1; 0; L;;;; 800; N;;;;;
                                                                      13369; EGYPTIAN HIEROGLYPH V001H; N1; 0; L;;;; 900; N;;;;;
13309; EGYPTIAN HIEROGLYPH T003A; Lo; 0; L;;;;; N;;;;;
1330A; EGYPTIAN HIEROGLYPH T004; Lo; 0; L;;;; N;;;;
                                                                      1336A; EGYPTIAN HIEROGLYPH V001I; N1; 0; L;;;; 500; N;;;;;
                                                                      1336B; EGYPTIAN HIEROGLYPH V002; Lo; 0; L;;;;; N;;;;
1330B; EGYPTIAN HIEROGLYPH T005; Lo; 0; L;;;;; N;;;;;
1330C; EGYPTIAN HIEROGLYPH T006; Lo; 0; L;;;;; N;;;;;
                                                                      1336C; EGYPTIAN HIEROGLYPH V002A; Lo; 0; L;;;;; N;;;;
1330D; EGYPTIAN HIEROGLYPH T007; Lo; 0; L;;;;; N;;;;
                                                                      1336D; EGYPTIAN HIEROGLYPH V003; Lo; 0; L;;;;; N;;;;
1330E; EGYPTIAN HIEROGLYPH T007A; Lo; 0; L;;;;; N;;;;;
                                                                      1336E; EGYPTIAN HIEROGLYPH V004; Lo; 0; L;;;;; N;;;;;
1330F; EGYPTIAN HIEROGLYPH T008; Lo; 0; L;;;; N;;;;
                                                                      1336F; EGYPTIAN HIEROGLYPH V005; Lo; 0; L;;;;; N;;;;
                                                                      13370; EGYPTIAN HIEROGLYPH V006; Lo; 0; L;;;;; N;;;;
13310; EGYPTIAN HIEROGLYPH T008A; Lo; 0; L;;;;; N;;;;
13311; EGYPTIAN HIEROGLYPH T009; Lo; 0; L;;;;; N;;;;
                                                                      13371; EGYPTIAN HIEROGLYPH V007; Lo; 0; L;;;;; N;;;;;
13312; EGYPTIAN HIEROGLYPH T009A; Lo; 0; L;;;;; N;;;;
                                                                      13372; EGYPTIAN HIEROGLYPH V007A; Lo; 0; L;;;;; N;;;;
13313; EGYPTIAN HIEROGLYPH T010; Lo; 0; L;;;;; N;;;;
                                                                      13373; EGYPTIAN HIEROGLYPH V007B; Lo; 0; L;;;;; N;;;;
                                                                      13374; EGYPTIAN HIEROGLYPH V008; Lo; 0; L;;;;; N;;;;
13314; EGYPTIAN HIEROGLYPH T011; Lo; 0; L;;;;; N;;;;;
                                                                      13375; EGYPTIAN HIEROGLYPH V009; Lo; 0; L;;;;; N;;;;;
13315; EGYPTIAN HIEROGLYPH T011A; Lo; 0; L;;;;; N;;;;;
13316; EGYPTIAN HIEROGLYPH T012; Lo; 0; L;;;;; N;;;;
                                                                      13376; EGYPTIAN HIEROGLYPH V010; Lo; 0; L;;;;; N;;;;
13317; EGYPTIAN HIEROGLYPH T013; Lo; 0; L;;;;; N;;;;;
                                                                      13377; EGYPTIAN HIEROGLYPH V011; Lo; 0; L;;;;; N;;;;;
                                                                      13378; EGYPTIAN HIEROGLYPH V011A; Lo; 0; L;;;;; N;;;;;
13318; EGYPTIAN HIEROGLYPH T014; Lo; 0; L;;;;; N;;;;;
13319; EGYPTIAN HIEROGLYPH T015; Lo; 0; L;;;;; N;;;;;
                                                                      13379; EGYPTIAN HIEROGLYPH V011B; Lo; 0; L;;;;; N;;;;;
                                                                      1337A; EGYPTIAN HIEROGLYPH V011C; Lo; 0; L;;;;; N;;;;;
1331A; EGYPTIAN HIEROGLYPH T016; Lo; 0; L;;;;; N;;;;;
1331B; EGYPTIAN HIEROGLYPH T016A; Lo; 0; L;;;;; N;;;;;
                                                                      1337B; EGYPTIAN HIEROGLYPH V012; Lo; 0; L;;;;; N;;;;;
1331C; EGYPTIAN HIEROGLYPH T017; Lo; 0; L;;;;; N;;;;
                                                                      1337C; EGYPTIAN HIEROGLYPH V012A; Lo; 0; L;;;;; N;;;;;
                                                                      1337D; EGYPTIAN HIEROGLYPH V012B; Lo; 0; L;;;;; N;;;;
1331D; EGYPTIAN HIEROGLYPH T018; Lo; 0; L;;;;; N;;;;
1331E; EGYPTIAN HIEROGLYPH T019; Lo; 0; L;;;;; N;;;;
                                                                      1337E; EGYPTIAN HIEROGLYPH V013; Lo; 0; L;;;;; N;;;;;
1331F; EGYPTIAN HIEROGLYPH T020; Lo; 0; L;;;;; N;;;;;
                                                                      1337F;EGYPTIAN HIEROGLYPH V014;Lo;0;L;;;;;N;;;;
13320; EGYPTIAN HIEROGLYPH T021; Lo; 0; L;;;;; N;;;;;
                                                                      13380; EGYPTIAN HIEROGLYPH V015; Lo; 0; L;;;;; N;;;;
13321; EGYPTIAN HIEROGLYPH T022; Lo; 0; L;;;;; N;;;;;
                                                                      13381; EGYPTIAN HIEROGLYPH V016; Lo; 0; L;;;;; N;;;;
                                                                      13382; EGYPTIAN HIEROGLYPH V017; Lo; 0; L;;;;; N;;;;
13322; EGYPTIAN HIEROGLYPH T023; Lo; 0; L;;;;; N;;;;;
                                                                      13383; EGYPTIAN HIEROGLYPH V018; Lo; 0; L;;;;; N;;;;
13323; EGYPTIAN HIEROGLYPH T024; Lo; 0; L;;;;; N;;;;
13324; EGYPTIAN HIEROGLYPH T025; Lo; 0; L;;;;; N;;;;;
                                                                      13384; EGYPTIAN HIEROGLYPH V019; Lo; 0; L;;;;; N;;;;
13325; EGYPTIAN HIEROGLYPH T026; Lo; 0; L;;;;; N;;;;;
                                                                      13385; EGYPTIAN HIEROGLYPH V020; N1; 0; L;;;; 10; N;;;;;
13326; EGYPTIAN HIEROGLYPH T027; Lo; 0; L;;;;; N;;;;;
                                                                      13386; EGYPTIAN HIEROGLYPH V020A; N1; 0; L;;;; 20; N;;;;
                                                                      13387; EGYPTIAN HIEROGLYPH V020B; N1;0;L;;;;30;N;;;;;
13327; EGYPTIAN HIEROGLYPH T028; Lo; 0; L;;;;; N;;;;;
13328; EGYPTIAN HIEROGLYPH T029; Lo; 0; L;;;;; N;;;;
                                                                      13388; EGYPTIAN HIEROGLYPH V020C; N1; 0; L;;;; 40; N;;;;;
13329; EGYPTIAN HIEROGLYPH T030; Lo; 0; L;;;;; N;;;;;
                                                                      13389; EGYPTIAN HIEROGLYPH V020D; N1; 0; L;;;; 50; N;;;;;
1332A; EGYPTIAN HIEROGLYPH T031; Lo; 0; L;;;;; N;;;;;
                                                                      1338A; EGYPTIAN HIEROGLYPH V020E; N1;0;L;;;;60;N;;;;
                                                                      1338B; EGYPTIAN HIEROGLYPH V020F; N1;0;L;;;;70;N;;;;
1338C; EGYPTIAN HIEROGLYPH V020G; N1;0;L;;;;80;N;;;;
1332B; EGYPTIAN HIEROGLYPH T032; Lo; 0; L;;;;; N;;;;;
1332C; EGYPTIAN HIEROGLYPH T032A; Lo; 0; L;;;;; N;;;;
1332D; EGYPTIAN HIEROGLYPH T033; Lo; 0; L;;;;; N;;;;;
                                                                      1338D; EGYPTIAN HIEROGLYPH V020H; N1; 0; L;;;; 90; N;;;;;
                                                                      1338E; EGYPTIAN HIEROGLYPH V020I; N1;0;L;;;;20;N;;;;;
1332E; EGYPTIAN HIEROGLYPH T033A; Lo; 0; L;;;;; N;;;;
1332F; EGYPTIAN HIEROGLYPH T034; Lo; 0; L;;;;; N;;;;;
                                                                      1338F; EGYPTIAN HIEROGLYPH V020J; N1;0;L;;;;30;N;;;;;
                                                                      13390; EGYPTIAN HIEROGLYPH V020K; N1;0;L;;;;40;N;;;;
13391; EGYPTIAN HIEROGLYPH V020L; N1;0;L;;;;50;N;;;;
13330; EGYPTIAN HIEROGLYPH T035; Lo; 0; L;;;;; N;;;;
13331; EGYPTIAN HIEROGLYPH T036; Lo; 0; L;;;;; N;;;;
13332; EGYPTIAN HIEROGLYPH U001; Lo; 0; L; ;; ;; N; ;; ;;
                                                                      13392; EGYPTIAN HIEROGLYPH V021; Lo; 0; L;;;;; N;;;;;
13333; EGYPTIAN HIEROGLYPH U002; Lo; 0; L;;;;; N;;;;;
                                                                      13393; EGYPTIAN HIEROGLYPH V022; Lo; 0; L;;;;; N;;;;
13334; EGYPTIAN HIEROGLYPH U003; Lo; 0; L;;;;; N;;;;
                                                                      13394; EGYPTIAN HIEROGLYPH V023; Lo; 0; L;;;;; N;;;;
13335; EGYPTIAN HIEROGLYPH U004; Lo; 0; L;;;;; N;;;;;
                                                                      13395; EGYPTIAN HIEROGLYPH V023A; Lo; 0; L;;;;; N;;;;;
                                                                      13396; EGYPTIAN HIEROGLYPH V024; Lo; 0; L;;;; N;;;;
13336; EGYPTIAN HIEROGLYPH U005; Lo; 0; L;;;;; N;;;;;
13337; EGYPTIAN HIEROGLYPH U006; Lo; 0; L;;;;; N;;;;
                                                                      13397; EGYPTIAN HIEROGLYPH V025; Lo; 0; L;;;;; N;;;;;
                                                                      13398; EGYPTIAN HIEROGLYPH V026; Lo; 0; L;;;;; N;;;;
13338; EGYPTIAN HIEROGLYPH U006A; Lo; 0; L;;;;; N;;;;
13339; EGYPTIAN HIEROGLYPH U006B; Lo; 0; L;;;;; N;;;;
                                                                      13399; EGYPTIAN HIEROGLYPH V027; Lo; 0; L;;;;; N;;;;
1333A; EGYPTIAN HIEROGLYPH U007; Lo; 0; L;;;;; N;;;;;
                                                                      1339A; EGYPTIAN HIEROGLYPH V028; Lo; 0; L;;;;; N;;;;;
                                                                      1339B; EGYPTIAN HIEROGLYPH V028A; Lo; 0; L; ;; ;; N; ;; ;;
1333B; EGYPTIAN HIEROGLYPH U008; Lo; 0; L;;;;; N;;;;
1333C; EGYPTIAN HIEROGLYPH U009; Lo; 0; L;;;;; N;;;;
                                                                      1339C; EGYPTIAN HIEROGLYPH V029; Lo; 0; L;;;;; N;;;;
1333D; EGYPTIAN HIEROGLYPH U010; Lo; 0; L;;;;; N;;;;
                                                                      1339D; EGYPTIAN HIEROGLYPH V029A; Lo; 0; L;;;;; N;;;;
1333E; EGYPTIAN HIEROGLYPH U011; Lo; 0; L;;;;; N;;;;;
                                                                      1339E; EGYPTIAN HIEROGLYPH V030; Lo; 0; L;;;;; N;;;;;
1333F; EGYPTIAN HIEROGLYPH U012; Lo; 0; L;;;;; N;;;;
                                                                      1339F; EGYPTIAN HIEROGLYPH V030A; Lo; 0; L;;;;; N;;;;
                                                                      133A0; EGYPTIAN HIEROGLYPH V031; Lo; 0; L;;;; N;;;;
13340; EGYPTIAN HIEROGLYPH U013; Lo; 0; L;;;;; N;;;;
13341; EGYPTIAN HIEROGLYPH U014; Lo; 0; L;;;;; N;;;;;
                                                                      133A1; EGYPTIAN HIEROGLYPH V031A; Lo; 0; L;;;;; N;;;;;
13342; EGYPTIAN HIEROGLYPH U015; Lo; 0; L;;;;; N;;;;
                                                                      133A2; EGYPTIAN HIEROGLYPH V032; Lo; 0; L;;;;; N;;;;
13343; EGYPTIAN HIEROGLYPH U016; Lo; 0; L;;;;; N;;;;
                                                                      133A3; EGYPTIAN HIEROGLYPH V033; Lo; 0; L;;;;; N;;;;
                                                                     133A4; EGYPTIAN HIEROGLYPH V033A; Lo; 0; L;;;; N;;;;; 133A5; EGYPTIAN HIEROGLYPH V034; Lo; 0; L;;;; N;;;;
13344; EGYPTIAN HIEROGLYPH U017; Lo; 0; L;;;;; N;;;;;
13345; EGYPTIAN HIEROGLYPH U018; Lo; 0; L;;;;; N;;;;;
13346; EGYPTIAN HIEROGLYPH U019; Lo; 0; L;;;;; N;;;;;
                                                                      133A6; EGYPTIAN HIEROGLYPH V035; Lo; 0; L;;;;; N;;;;;
13347; EGYPTIAN HIEROGLYPH U020; Lo; 0; L;;;;; N;;;;
                                                                      133A7; EGYPTIAN HIEROGLYPH V036; Lo; 0; L;;;;; N;;;;
13348; EGYPTIAN HIEROGLYPH U021; Lo; 0; L;;;;; N;;;;;
                                                                      133A8; EGYPTIAN HIEROGLYPH V037; Lo; 0; L;;;;; N;;;;
13349; EGYPTIAN HIEROGLYPH U022; Lo; 0; L;;;;; N;;;;
                                                                      133A9; EGYPTIAN HIEROGLYPH V037A; Lo; 0; L;;;;; N;;;;
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133AA; EGYPTIAN HIEROGLYPH V038; Lo; 0; L;;;;; N;;;;;
                                                                     133E9; EGYPTIAN HIEROGLYPH Z006; Lo; 0; L;;;;; N;;;;
133AB; EGYPTIAN HIEROGLYPH V039; Lo; 0; L;;;;; N;;;;;
                                                                     133EA; EGYPTIAN HIEROGLYPH Z007; Lo; 0; L;;;;; N;;;;
133AC; EGYPTIAN HIEROGLYPH V040; N1; 0; L;;;; 10; N;;;;
                                                                     133EB; EGYPTIAN HIEROGLYPH Z008; Lo; 0; L;;;;; N;;;;
133AD; EGYPTIAN HIEROGLYPH V040A; N1; 0; L;;;; 20; N;;;;;
                                                                    133EC; EGYPTIAN HIEROGLYPH Z009; Lo; 0; L;;;;; N;;;;;
133AE; EGYPTIAN HIEROGLYPH W001; Lo; 0; L;;;;; N;;;;;
                                                                     133ED; EGYPTIAN HIEROGLYPH Z010; Lo; 0; L;;;;; N;;;;
133AF; EGYPTIAN HIEROGLYPH W002; Lo; 0; L;;;;; N;;;;;
                                                                     133EE; EGYPTIAN HIEROGLYPH Z011; Lo; 0; L;;;;; N;;;;
133B0; EGYPTIAN HIEROGLYPH W003; Lo; 0; L;;;;; N;;;;
                                                                    133EF; EGYPTIAN HIEROGLYPH Z012; Lo; 0; L;;;;; N;;;;
133B1; EGYPTIAN HIEROGLYPH W003A; Lo; 0; L;;;;; N;;;;
                                                                    133F0; EGYPTIAN HIEROGLYPH Z013; Lo; 0; L;;;;; N;;;;
133B2; EGYPTIAN HIEROGLYPH W004; Lo; 0; L;;;;; N;;;;
                                                                    133F1; EGYPTIAN HIEROGLYPH Z014; Lo; 0; L;;;;; N;;;;
133B3; EGYPTIAN HIEROGLYPH W005; Lo; 0; L;;;;; N;;;;;
                                                                     133F2; EGYPTIAN HIEROGLYPH Z015; N1; 0; L;;;; 1; N;;;;;
133B4; EGYPTIAN HIEROGLYPH W006; Lo; 0; L;;;;; N;;;;
                                                                     133F3; EGYPTIAN HIEROGLYPH Z015A; N1; 0; L; ;; ; 2; N; ;; ;;
133B5; EGYPTIAN HIEROGLYPH W007; Lo; 0; L;;;;; N;;;;;
                                                                     133F4; EGYPTIAN HIEROGLYPH Z015B; N1; 0; L;;;; 3; N;;;;;
133B6; EGYPTIAN HIEROGLYPH W008; Lo; 0; L;;;;; N;;;;;
                                                                     133F5; EGYPTIAN HIEROGLYPH Z015C; N1; 0; L;;;; 4; N;;;;
133B7; EGYPTIAN HIEROGLYPH W009; Lo; 0; L;;;;; N;;;;
                                                                    133F6; EGYPTIAN HIEROGLYPH Z015D; N1; 0; L; ;; ;5; N; ;; ;;
133B8; EGYPTIAN HIEROGLYPH W009A; Lo; 0; L;;;;; N;;;;
                                                                     133F7; EGYPTIAN HIEROGLYPH Z015E; N1; 0; L; ;; ; 6; N; ;; ;;
                                                                    133F8; EGYPTIAN HIEROGLYPH Z015F; N1; 0; L;;;; 7; N;;;;;
133B9; EGYPTIAN HIEROGLYPH W010; Lo; 0; L;;;;; N;;;;;
133BA; EGYPTIAN HIEROGLYPH W010A; Lo; 0; L;;;;; N;;;;
                                                                    133F9; EGYPTIAN HIEROGLYPH Z015G; N1; 0; L;;;; 8; N;;;;
133BB; EGYPTIAN HIEROGLYPH W011; Lo; 0; L;;;;; N;;;;
                                                                    133FA; EGYPTIAN HIEROGLYPH Z015H; N1; 0; L;;;; 9; N;;;;;
133BC; EGYPTIAN HIEROGLYPH W012; Lo; 0; L;;;;; N;;;;;
                                                                    133FB; EGYPTIAN HIEROGLYPH Z015I; N1; 0; L;;;; 5; N;;;;;
133BD; EGYPTIAN HIEROGLYPH W013; Lo; 0; L;;;;; N;;;;;
                                                                     133FC; EGYPTIAN HIEROGLYPH Z016; N1; 0; L;;;; 1; N;;;;;
133BE; EGYPTIAN HIEROGLYPH W014; Lo; 0; L;;;;; N;;;;;
                                                                    133FD; EGYPTIAN HIEROGLYPH Z016A; N1; 0; L; ;; ;2; N; ;; ;;
133BF; EGYPTIAN HIEROGLYPH W014A; Lo; 0; L;;;;; N;;;;
                                                                    133FE; EGYPTIAN HIEROGLYPH Z016B; N1; 0; L;;;; 3; N;;;;
133C0; EGYPTIAN HIEROGLYPH W015; Lo; 0; L;;;;; N;;;;;
                                                                    133FF; EGYPTIAN HIEROGLYPH Z016C; N1; 0; L; ;; ; 4; N; ;; ;;
133C1; EGYPTIAN HIEROGLYPH W016; Lo; 0; L;;;;; N;;;;;
                                                                    13400:EGYPTIAN HIEROGLYPH Z016D:N1:0:L::::5:N:::::
133C2; EGYPTIAN HIEROGLYPH W017; Lo; 0; L;;;;; N;;;;;
                                                                     13401; EGYPTIAN HIEROGLYPH Z016E; N1; 0; L;;;; 6; N;;;;
133C3; EGYPTIAN HIEROGLYPH W017A; Lo; 0; L;;;;; N;;;;
                                                                     13402; EGYPTIAN HIEROGLYPH Z016F; N1; 0; L; ;; ;7; N; ;; ;;
                                                                     13403; EGYPTIAN HIEROGLYPH Z016G; N1; 0; L;;;; 8; N;;;;
133C4; EGYPTIAN HIEROGLYPH W018; Lo; 0; L;;;;; N;;;;
133C5; EGYPTIAN HIEROGLYPH W018A; Lo; 0; L;;;;; N;;;;
                                                                    13404; EGYPTIAN HIEROGLYPH Z016H; N1; 0; L;;;; 9; N;;;;
133C6; EGYPTIAN HIEROGLYPH W019; Lo; 0; L;;;;; N;;;;;
                                                                    13405; EGYPTIAN HIEROGLYPH AA001; Lo; 0; L;;;;; N;;;;;
133C7; EGYPTIAN HIEROGLYPH W020; Lo; 0; L;;;;; N;;;;
                                                                     13406; EGYPTIAN HIEROGLYPH AA002; Lo; 0; L;;;;; N;;;;
133C8; EGYPTIAN HIEROGLYPH W021; Lo; 0; L;;;;; N;;;;;
                                                                     13407; EGYPTIAN HIEROGLYPH AA003; Lo; 0; L;;;;; N;;;;;
133C9; EGYPTIAN HIEROGLYPH W022; Lo; 0; L;;;;; N;;;;
                                                                    13408; EGYPTIAN HIEROGLYPH AA004; Lo; 0; L;;;;; N;;;;;
133CA; EGYPTIAN HIEROGLYPH W023; Lo; 0; L;;;;; N;;;;
                                                                     13409; EGYPTIAN HIEROGLYPH AA005; Lo; 0; L;;;;; N;;;;
133CB; EGYPTIAN HIEROGLYPH W024; Lo; 0; L;;;;; N;;;;;
                                                                    1340A; EGYPTIAN HIEROGLYPH AA006; Lo; 0; L;;;;; N;;;;;
133CC; EGYPTIAN HIEROGLYPH W024A; Lo; 0; L;;;;; N;;;;
                                                                     1340B; EGYPTIAN HIEROGLYPH AA007; Lo; 0; L;;;;; N;;;;
133CD; EGYPTIAN HIEROGLYPH W025; Lo; 0; L;;;;; N;;;;
                                                                     1340C; EGYPTIAN HIEROGLYPH AA007A; Lo; 0; L;;;;; N;;;;
133CE; EGYPTIAN HIEROGLYPH X001; Lo; 0; L;;;;; N;;;;;
                                                                    1340D; EGYPTIAN HIEROGLYPH AA007B; Lo; 0; L;;;;; N;;;;
                                                                     1340E; EGYPTIAN HIEROGLYPH AA008; Lo; 0; L;;;;; N;;;;
133CF; EGYPTIAN HIEROGLYPH X002; Lo; 0; L;;;;; N;;;;;
133D0; EGYPTIAN HIEROGLYPH X003; Lo; 0; L;;;;; N;;;;
                                                                    1340F; EGYPTIAN HIEROGLYPH AA009; Lo; 0; L;;;;; N;;;;
133D1; EGYPTIAN HIEROGLYPH X004; Lo; 0; L;;;;; N;;;;;
                                                                     13410; EGYPTIAN HIEROGLYPH AA010; Lo; 0; L;;;;; N;;;;
133D2; EGYPTIAN HIEROGLYPH X004A; Lo; 0; L;;;;; N;;;;
                                                                    13411; EGYPTIAN HIEROGLYPH AA011; Lo; 0; L;;;;; N;;;;;
133D3; EGYPTIAN HIEROGLYPH X005; Lo; 0; L;;;;; N;;;;
                                                                    13412; EGYPTIAN HIEROGLYPH AA012; Lo; 0; L;;;;; N;;;;
133D4; EGYPTIAN HIEROGLYPH X006; Lo; 0; L;;;;; N;;;;;
                                                                    13413; EGYPTIAN HIEROGLYPH AA013; Lo; 0; L;;;;; N;;;;
133D5; EGYPTIAN HIEROGLYPH X006A; Lo; 0; L;;;;; N;;;;
                                                                    13414; EGYPTIAN HIEROGLYPH AA014; Lo; 0; L;;;;; N;;;;;
133D6; EGYPTIAN HIEROGLYPH X007; Lo; 0; L;;;;; N;;;;;
                                                                     13415; EGYPTIAN HIEROGLYPH AA015; Lo; 0; L;;;;; N;;;;
133D7; EGYPTIAN HIEROGLYPH X008; Lo; 0; L;;;;; N;;;;;
                                                                     13416; EGYPTIAN HIEROGLYPH AA016; Lo; 0; L;;;;; N;;;;;
133D8; EGYPTIAN HIEROGLYPH Y001; Lo; 0; L;;;; N;;;;
                                                                    13417; EGYPTIAN HIEROGLYPH AA017; Lo; 0; L;;;;; N;;;;
                                                                    13418; EGYPTIAN HIEROGLYPH AA018; Lo; 0; L;;;;; N;;;;
133D9; EGYPTIAN HIEROGLYPH Y001A; Lo; 0; L;;;;; N;;;;;
                                                                    13419; EGYPTIAN HIEROGLYPH AA019; Lo; 0; L;;;;; N;;;;;
133DA; EGYPTIAN HIEROGLYPH Y002:Lo:0;L:::::N:::::
133DB; EGYPTIAN HIEROGLYPH Y003; Lo; 0; L;;;;; N;;;;;
                                                                     1341A; EGYPTIAN HIEROGLYPH AA020; Lo; 0; L;;;;; N;;;;
133DC; EGYPTIAN HIEROGLYPH Y004; Lo; 0; L;;;;; N;;;;
                                                                     1341B; EGYPTIAN HIEROGLYPH AA021; Lo; 0; L;;;;; N;;;;;
133DD; EGYPTIAN HIEROGLYPH Y005; Lo; 0; L;;;;; N;;;;
                                                                    1341C; EGYPTIAN HIEROGLYPH AA022; Lo; 0; L;;;;; N;;;;
133DE; EGYPTIAN HIEROGLYPH Y006; Lo; 0; L; ;; ;; N; ;; ;;
                                                                    1341D; EGYPTIAN HIEROGLYPH AA023; Lo; 0; L;;;;; N;;;;;
133DF; EGYPTIAN HIEROGLYPH Y007; Lo; 0; L;;;;; N;;;;;
                                                                    1341E; EGYPTIAN HIEROGLYPH AA024; Lo; 0; L;;;;; N;;;;
133E0; EGYPTIAN HIEROGLYPH Y008; Lo; 0; L;;;;; N;;;;;
                                                                     1341F; EGYPTIAN HIEROGLYPH AA025; Lo; 0; L;;;;; N;;;;;
133E1; EGYPTIAN HIEROGLYPH Z001; Lo; 0; L;;;;; N;;;;
                                                                    13420; EGYPTIAN HIEROGLYPH AA026; Lo; 0; L;;;;; N;;;;;
133E2; EGYPTIAN HIEROGLYPH Z002; Lo; 0; L;;;;; N;;;;;
                                                                    13421; EGYPTIAN HIEROGLYPH AA027; Lo; 0; L;;;;; N;;;;;
133E3; EGYPTIAN HIEROGLYPH Z003; Lo; 0; L;;;;; N;;;;;
                                                                    13422; EGYPTIAN HIEROGLYPH AA028; Lo; 0; L;;;;; N;;;;
133E4; EGYPTIAN HIEROGLYPH Z003A; Lo; 0; L;;;;; N;;;;
                                                                    13423; EGYPTIAN HIEROGLYPH AA029; Lo; 0; L;;;;; N;;;;;
133E5; EGYPTIAN HIEROGLYPH Z004; Lo; 0; L;;;;; N;;;;;
                                                                     13424; EGYPTIAN HIEROGLYPH AA030; Lo; 0; L;;;;; N;;;;
133E6; EGYPTIAN HIEROGLYPH Z004A; Lo; 0; L;;;;; N;;;;
                                                                     13425; EGYPTIAN HIEROGLYPH AA031; Lo; 0; L;;;;; N;;;;
133E7; EGYPTIAN HIEROGLYPH Z005; Lo; 0; L;;;;; N;;;;
                                                                    13426; EGYPTIAN HIEROGLYPH AA032; Lo; 0; L;;;;; N;;;;;
133E8; EGYPTIAN HIEROGLYPH Z005A; Lo; 0; L;;;;; N;;;;
```

Some of the characters in the sample have a single phonetic value, some have more than one value, and some have no value but are just determinatives. Assigning a numeric value to each of the 24 letters of the alphabet (so $\subseteq g = 20$), and expanding biliteral and triliterals to the same values (so $\subseteq gb = 20$ -06 and $\subseteq grg = 20$ -11-20), and leaving determinatives values 25 to 52 (for this data set) so that they sort in coding order (so $\subseteq gb = 35$ and $\subseteq gb = 35$), the following results were obtained:

	iwgrt	×LCLC	gmgm		gḥs
	igrt		gmt		gḥs
	g3wt	■ ~ Ø Å	gnf	△	gs
	gşw	<u> </u>	gnf		gsw
	g3W		gnwt		gs3
20AD	<i>g</i> 3W	3000111	gnwt	$\sim \sim \Delta$	gs
الله	Gbb	<u> </u>	gnn	04	gs
	gb3	7 7	gnwt	_ I	gs
	gbb	\$\alpha \\\	gnwty		gsw
BL&	Gb		gr		gs-pr
	gbgb		grḥ	<u></u> }	gsti
© Æ L6	Gbtiw		grḥ		ggwy
	gb3		grg	111000 266	ggwt
	gfn	$\mathbb{Z}_{\boldsymbol{\diamond}}$	grg	@// bb	Gsy
□ < 5π	gf	A ZO	grg		gsti
A C	gmi		grg		ggt
	gmw		grg	₽ 1\$1€1	di ḥr gs
Tilde	gmḥt		grt		gḥs
	gmḥ		gr	$\overline{\uparrow}$	grḥ

Figure 1. The words in Gardiner's grammar beginning with $\boxtimes g$ -, expanded to plain-text strings of characters and run through a very basic sorting algorithm as proof-of-concept regarding the ordering of hieroglyphic characters as opposed to ordering of their transliterations.

Compare this with the same list of words in Gardiner's dictionary:



Figure 2. The words in Gardiner's grammar beginning with $\boxtimes g$ -.

Something else that will need to be dealt with is the question of characters with multiple readings. To 19, the harpoon head of bone $\sqrt[3]{}$, has two readings, gn and ks, and it is uncertain how a decision about "primary" values will be made. Second- and third-level ordering for homophones like $\sqrt[3]{}$ g and $\sqrt[3]{}$ g is also something we have not attempted in this exercise. Nevertheless, it seems clear that a phonetic-based ordering for Egyptian Hieroglyphs yields results which are more useful than binary ordering would yield.

∟ 1\$ ∠	dỉ ḥr gs		gr	□	gfn
	gḥs		gr	■ ≤ 5Å	gnf
AC	gmi	$\mathbb{Z}_{\mathcal{O}}$	grg	■ _	gnf
\times \mathcal{A} \mathcal{C} \mathcal{A} \mathcal{C}	gmgm	AZOD	grg	<u>a</u>	gnn
	gmh		grḥ		gnwt
TIME	gmḥt		grḥ	<u> </u>	gs
	gmw		grg		gs3
M.	Gb	AZDOD	grg		gsw
	iwgrt		grt		gḥs
	igrt	اللاحدال	gb $\stackrel{.}{\scriptscriptstyle{>}}$		gḥs
T	grḥ		gbb		ggwy
11	gnwt		gb $\stackrel{.}{\scriptscriptstyle{>}}$		ggt
10000111	gnwt		gbgb		gsti
₹ <u></u>	gnwty		gзw	<u>~</u> ⊸∆	gs
	grg		gşwt	<u>~</u> ~♥¾	gs
	Gbb		gзw		gsw
©. ZEL &	Gbtłw		gзw		gs-pr
111000	ggwt		gmt	$=$ 1 $$ \sim	gsti
&//\delta	Gsy	□ < 50	gf	ر ا	gs

Figure 3. The words in Gardiner's grammar beginning with $\boxtimes g$ -, expanded to plain-text strings of characters and sorting in binary order.

10. The UniKemet database and future expansion of the repertoire. The database containing source references for the characters encoded has been named the *UniKemet* database after since we considered a name like *UniHieroglyph* to be too general (given Anatolian Hieroglyphs, Maya Hieroglyphs, and Míkmaq Hieroglyphs). This database provides the means for Egyptologists to work with ISO/IEC JTC1/SC2/WG2 and with the Unicode Consortium to add Egyptian Hieroglyphs to the standard in future. Its structure is relatively straightforward; it contains the following fields:

Hex	The proposed U+1xxxx character code.
Name	The catalogue name of the character, such as A001, M013.
G1957	Citation from Gardiner 1957, giving page number and designation.
G1928	Citation from Gardiner 1928, giving page number and designation.
G1929	Citation from Gardiner 1929, giving page number and designation.
G1931	Citation from Gardiner 1931, giving page number and designation.
G1953	Citation from Gardiner 1953, giving page number and designation.
GITB	Citation from the Griffith Insititute Topographical Bibliography, giving volume, page
	number, and designation.
M1909	Citation from Möller 1909, giving page number and designation (only for number
	characters so far, here and for M1927 and M1936).
M1927	Citation from Möller 1927, giving page number and designation.
M1936	Citation from Möller 1936, giving page number and designation.
A1999	Citation from Allen 1999, giving page number and designation.
F1962	A field for citations from Faulkner 1962.
Uname	Calculation field that adds EGYPTIAN HIEROGLYPH to the Name field to produce the UCS
	names list.

Note Notes which assist in the creation of the UCS names list.

Amd A field which indicates the block or amendment into which a character is (to be) encoded, to assist in sorting the characters in order to produce the names list.

C2005 A temporary field containing the assignments in Richard Cook's L2/05-311, to assist members of the UTC who have reviewed that document in comparing it with the present document.

The intent of this database is that it will be a standard repository of those Egyptian characters which specialists deem suitable for formal encoding. Its citations are specific to a printed source, giving page number and an identifying designation given on that page. For example, the character ||| Z020 '9' is attested in Gardiner and in Möller. G1957:197:9 means that it is attested in Gardiner 1957 on page 197 as "9" (since he did not assign a catalogue number to it). It is also attested in Möller as M1909:59:AAa622 which means it is in Möller 1909 on page 59 in section "AA" subsection "a" with catalogue number 622. The full source citation format is "G1957:197:9" though at present the content of the G1957 field in the database is simply "197:9" because each source has its own field.

In future, when work for additions to the repertoire begins on materials from other sources, a unification process will be used where existing coded characters are first mapped to the content of those sources. Then we will be able to look at what is left over as sources for further standardization. Möller has many characters not found in other sources. For instance, standard Middle Egyptian writes properate pro

A printout of the UniKemet database is attached at the end of this document; an electronic version of this draft can be found at in a tab-delimited text file at http://www.evertype.com/standards/iso10646/ pdf/unikemet-mappings-20070409.tab. This file should be used for review only, and not for development as its contents will certainly change. To facilitate review, the sources have been made available at http://std.dkuug.dk/jtc1/sc2/wg2/docs/n3182.pdf.

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A. Administrative

1. Title

Proposal to encode Egyptian Hieroglyphs in the SMP of the UCS

2. Requester's name

UC Berkeley Script Encoding Initiative (Universal Scripts Project); authors: Michael Everson and Bob Richmond

3. Requester type (Member body/Liaison/Individual contribution)

Liaison contribution.

4. Submission date

2007-04-10

5. Requester's reference (if applicable)

6. Choose one of the following:

6a. This is a complete proposal

Yes.

6b. More information will be provided later

No.

B. Technical - General

1. Choose one of the following:

1a. This proposal is for a new script (set of characters)

Yes.

1b. Proposed name of script

Egyptian Hieroglyphs.

1c. The proposal is for addition of character(s) to an existing block

No.

1d. Name of the existing block

2. Number of characters in proposal

1063.

3. Proposed category (A-Contemporary; B.1-Specialized (small collection); B.2-Specialized (large collection); C-Major extinct; D-Attested extinct; E-Minor extinct; F-Archaic Hieroglyphic or Ideographic; G-Obscure or questionable usage symbols)

Category F.

4a. Is a repertoire including character names provided?

Yes.

4b. If YES, are the names in accordance with the "character naming guidelines" in Annex L of P&P document?

Yes.

4c. Are the character shapes attached in a legible form suitable for review?

Yes.

5a. Who will provide the appropriate computerized font (ordered preference: True Type, or PostScript format) for publishing the standard? **Bob Richmond and Michael Everson. TrueType.**

5b. If available now, identify source(s) for the font (include address, e-mail, ftp-site, etc.) and indicate the tools used:

Michael Everson, Fontographer and FontLab.

6a. Are references (to other character sets, dictionaries, descriptive texts etc.) provided?

Yes, see bibliography above.

6b. Are published examples of use (such as samples from newspapers, magazines, or other sources) of proposed characters attached? **Yes**.

7. Does the proposal address other aspects of character data processing (if applicable) such as input, presentation, sorting, searching, indexing, transliteration etc. (if yes please enclose information)?

Yes, see above.

8. Submitters are invited to provide any additional information about Properties of the proposed Character(s) or Script that will assist in correct understanding of and correct linguistic processing of the proposed character(s) or script. Examples of such properties are: Casing information, Numeric information, Currency information, Display behaviour information such as line breaks, widths etc., Combining behaviour, Spacing behaviour, Directional behaviour, Default Collation behaviour, relevance in Mark Up contexts, Compatibility equivalence and other Unicode normalization related information. See the Unicode standard at http://www.unicode.org for such information on other scripts. Also see Unicode Character Database http://www.unicode.org/Public/UNIDATA/UnicodeCharacterDatabase.html and associated Unicode Technical Reports for information needed for consideration by the Unicode Technical Committee for inclusion in the Unicode Standard.

See above.

C. Technical – Justification

1. Has this proposal for addition of character(s) been submitted before? If YES, explain.

Yes. See N1636, N1944, L2/05-311, N3181, N3183.

2a. Has contact been made to members of the user community (for example: National Body, user groups of the script or characters, other experts, etc.)?

Yes.

2b. If YES, with whom?

John Baines, Jaromír Málek, Wolfgang Schenkel, Nigel Strudwick, Jochen Hallof, Mark-Jan Nederhof, Serge Rosmorduc, Hans van den Berg, Lee Collins, Richard Cook.

2c. If YES, available relevant documents

http://titus.fkidg1.uni-frankfurt.de/unicode/iranian/3tagung.htm

3. Information on the user community for the proposed characters (for example: size, demographics, information technology use, or publishing use) is included?

Egyptologists and many enthustiasts worldwide.

4a. The context of use for the proposed characters (type of use; common or rare)

To write Egyptian.

4b. Reference

5a. Are the proposed characters in current use by the user community?

Yes.

5b. If YES, where?

By scholars and enthusiasts worldwide.

6a. After giving due considerations to the principles in the P&P document must the proposed characters be entirely in the BMP?

No.

6b. If YES, is a rationale provided?

6c. If YES, reference

7. Should the proposed characters be kept together in a contiguous range (rather than being scattered)?

Yes.

8a. Can any of the proposed characters be considered a presentation form of an existing character or character sequence?

Nο

8b. If YES, is a rationale for its inclusion provided?

8c. If YES, reference

9a. Can any of the proposed characters be encoded using a composed character sequence of either existing characters or other proposed characters?

No.

9b. If YES, is a rationale for its inclusion provided?

9c. If YES, reference

10a. Can any of the proposed character(s) be considered to be similar (in appearance or function) to an existing character?

No. There is no question of unifying Egyptian Hieroglyphs with other scripts or symbols. U+2625 ANKH is not the same character as EGYPTIAN HIEROGLYPH S034, despite the origin of the former in the latter.

10b. If YES, is a rationale for its inclusion provided?

10c. If YES, reference

11a. Does the proposal include use of combining characters and/or use of composite sequences (see clauses 4.12 and 4.14 in ISO/IEC 10646-1: 2000)?

No.

11b. If YES, is a rationale for such use provided?

11c. If YES, reference

11d. Is a list of composite sequences and their corresponding glyph images (graphic symbols) provided?

No.

11e. If YES, reference

12a. Does the proposal contain characters with any special properties such as control function or similar semantics?

No.

12b. If YES, describe in detail (include attachment if necessary)

 $13a.\ Does\ the\ proposal\ contain\ any\ Ideographic\ compatibility\ character(s)?$

No

13b. If YES, is the equivalent corresponding unified ideographic character(s) identified?

	1300	1301	1302	1303	1304	1305	1306	1307	1308	1309	130A	130B	130C	130D
0	13000	13010	13020	13030	13040	13050	13060	13070	13080	13090	130A0	130B0	130C0	0000 0000 130D0
1	13001	13011	13021	13031	13041	13051	13061	13071	13081	13091	130A1	130B1	130C1	000 000 000 130D1
2	13002	13012	13022	13032	13042	13052	13062	13072	13082	13092	130A2	130B2	130C2	130D2
3	13003	13013	13023	13033	13043	13053	13063	13073	13083	13093	130A3	130B3	130C3	5777 130D3
4	13004	13014	13024	13034	13044	13054	13064	13074	13084	13094	130A4	0000 0000 13084	130C4	130D4
5	13005	13015	13025	13035	13045	13055	13065	13075	13085	13095	130A5	111 111 111 130B5	130C5	130D5
6	13006	13016	13026	13036	13046	13056	13066	5 0	13086	13096	130A6	130B6	130C6	130D6
7	13007	13017	13027	13037	13047	13057	13067	13077	13087	13097	130A7	130B7	7 130C7	130D7
8	13008	13018	13028	13038	13048	13058	13068	13078	S	13098	130A8	130B8	130C8	130D8
9	13009	13019	13029	13039	13049	13059	13069	13079	13089	13099	130A9	130B9	O 130C9	130D9
Α	1300A	1301A	1302A	1303A	1304A	1305A	1306A	1307A	1308A	1309A	130AA	130BA	O O 130CA	130DA
В	1300B	1301B	1302B	1303B	1304B	1305B	1306B	1307B	1308B	1309B	130AB	130BB	00 0	130DB
С	1300C	1301C	1302C	1303C	1304C	1305C	1306C	1307C	1308C	- 1 309C	130AC	30BC	00 00 130CC	130DC
D	1300D	1301D	1302D	1303D	1304D	1305D	1306D	1307D	1308D		130AD	130BD	000 00 130CD	130DD
E	1300E	1301E	1302E	1303E	1304E	1305E	1306E	1307E	1308E	1309E	130AE	∫ 130BE	000 000 130CE	130DE
F	1300F	1301F	1302F	1303F	1304F	1305F	1306F	1307F	1308F	(A) 1309F	130AF	130BF	0000 000 130CF	130DF

	130E	130F	1310	1311	1312	1313	1314	1315	1316	1317	1318	1319	131A	131B
0	130E0	130F0	13100	13110	13120	13130	13140	13150	13160	13170	13180	13190	131A0	131B0
1	130E1	130F1	13101	13111	13121	13131	13141	13151	13161	13171	13181	13191	131A1	131B1
2	130E2	130F2	13102	13112	13122	13132	13142	13152	13162	13172	13182	13192	131A2	131B2
3	130E3	130F3	13103	13113	13123	13133	13143	13153	13163	13173	%	13193	131A3	131B3
4	130E4	130F4	13104	13114	₩ 13124	13134	13144	13154	13164	13174	13184	13194	131A4	131B4
5	130E5	130F5	13105	13115	† 6 13125	13135	13145	13155	13165	13175	13185	13195	131A5	131B5
6	130E6	130F6	13106	13116	T 13126	13136	13146	13156	13166	13176	13186	13196	131A6	131B6
7	130E7	30F7	13107	<u></u>	13127	13137	13147	13157	13167	13177	13187	13197	131A7	131B7
8	130E8	577 130F8	13108	13118	++++ 13128	13138	13148	13158	13168	13178	O	13198	131A8	Ү.Ү.Ү 131B8
9	130E9	130F9	13109	13119	13129	13139	13149	13159	13169	13179	13189	13199	131A9	131B9
Α	130EA	130FA	1310A	1311A	2333A 1312A	Q 1313A	1314A	1315A	1316A	1317A	1318A	M	\(\)	131BA
В	130EB	130FB	1310B	1311B	1312B	999 1313B	1314B	1315B	1316B	1317B	1318B	M 1319B	<i>D</i> 131AB	131BB
С	% 130EC	130FC	1310C	1311C	1312C	000 1313C	1314C	1315C	1316C	1317C	1318C	1319C	131AC	131BC
D	130ED	130FD	1310D	1311D	1312D	S	1314D	1315D	1316D	1317D	1318D	1319D) 131AD	3 131BD
Е	130EE	130FE	1310E	1311E	1312E	\(\)	1314E	1315E	1316E	1317E	1318E	1319E	131AE	3 3 2 2 131BE
F	130EF	25° 130FF	1310F	1311F	1312F	1313F	1314F	1315F	1316F	1317F	1318F	1319F	131AF	331BF

	131C	131D	131E	131F	1320	1321	1322	1323	1324	1325	1326	1327	1328
0	331C0	131D0	131E0	131F0	13200	13210	13220	13230	13240	13250	13260	13270	13280
1	33333 33323 131C1	131D1	0 0 0 131E1	131F1	13201	13211	13221	13231	13241	13251	13261	13271	13281
2	336 336 344 431C2	131D2	0 0 131E2	131F2	13202	13212	13222	13232	13242	13252	13262	13272	13282
3	33636 36366 344 431C3	131D3	0 0 131E3	131F3	13203	O 13213	13223	13233	13243	13253	13263	13273	13283
4	331C4	131D4	131E4	① 131F4	13204	000	13224	13234	13244	0 0 Ti 13254	13264	13274	13284
5	育育 育育 夏夏 131C5	131D5	∆ 131E5	131F5	13205	13215	13225	13235	13245	13255	13265	13275	13285
6	131C6	131D6	131E6	131F6	13206	13216	13226	13236	13246	13256	13266	13276	13286
7	131C7	131D7	131E7	Ω 131F7	13207	13217	13227	13237	13247	13257	13267	13277	13287
8	131C8	131D8	131E8	⊖ 131F8	13208	13218	13228	13238	13248	13258	13268	13278	13288
9	131C9	131D9	131E9	131F9	13209	13219	13229	13239	13249	13259	13269	13279	13289
Α	131CA	131DA	131EA	131FA	1320A	1321A	1322A	1323A	1324A	1325A	1326A	1327A	1328A
В	131CB	131DB	131EB	131FB	1320B	1321B	1322B	1323B	1324B	1325B	1326B	1327B	1328B
С	131CC	131DC	131EC	131FC	1320C	1321C	1322C	1323C	1324C	1325C	1326C	1327C	1328C
D	131CD	131DD	131ED	131FD	1320D	1321D	1322D	1323D	1324D	1325D	1326D	\$ 1327D	1328D
Е	131CE	131DE	131EE	131FE	1320E	1321E	1322E	1323E	1324E	1325E	1326E	1327E	1328E
F	131CF	131DF	131EF	131FF	1320F	1321F	1322F	1323F	1324F	1325F	1326F	YYYY 1327F	

	1329	132A	132B	132C	132D	132E	132F	1330	1331	1332	1333	1334	1335
0	13290	132A0	<u>0</u> ↑ 0 132B0	13200	132D0	132E0	132F0	13300	13310	13320	13330	13340	13350
1	<u> </u>	132A1	132B1	132C1	132D1	132E1	132F1	13301	13311	13321	13331	13341	13351
2	13292	132A2	132B2	132C2	132D2	132E2	132F2	13302	13312	13322	13332	13342	13352
3	13293	132A3	132B3	132C3	132D3	132E3	132F3	13303	13313	13323	13333	13343	13353
4	13294	132A4	132B4	132C4	(3) 132D4	132E4	132F4	13304	13314	13324	13334	13344	13354
5	13295	132A5	132B5	132C5	132D5	132E5	132F5	13305	13315	13325	13335	13345	13355
6	13296	132A6	_	132C6	132D6	132E6	≡ 132F6	13306	13316	13326	13336	13346	13356
7	13297	132A7	132B7	132C7	132D7	132E7	132F7	13307	13317	13327	13337	13347	13357
8	13298	132A8	132B8	132C8	132D8	132E8	132F8	13308	13318	13328	13338	13348	13358
9	♂		132B9	132C9	₩ 132D9	132E9	132F9	13309	13319	13329	13339	1 3349	13359
Α	b	132AA	132BA	□∘□ 132CA	132DA	Q 132EA	132FA	1330A	1331A	1332A	1333A	1334A	1335A
В	1329B	☐ 132AB	132BB	132CB	132DB	132EB	132FB	1330B	1331B	1332B	1333B	1334B	1335B
С	1329C	132AC	132BC	├	132DC	132EC	132FC	1330C	1331C	1332C	1333C	1334C	1335C
D	1329D	132AD	132BD	132CD	132DD	132ED	7 132FD	1330D	1331D	1332D	1333D	1334D	1335D
Ε	1329E	132AE	132BE	132CE	(Y) 132DE	132EE	132FE	1330E	1331E	1332E	1333E	1334E	1335E
F	1329F	132AF	132BF	132CF	132DF	132EF	132FF	1330F	1331F	1332F	1333F	1334F	1335F

	1336	1337	1338	1339	133A	133B	133C	133D	133E	133F	1340	1341	1342
0	13360	13370	13380	∩∩∩∩ 13390	133A0	133B0	133C0	0 133D0	133E0	O 133F0	==	13410	13420
1	9	13371	13381	∩∩∩∩∩ 13391	133A1	133B1	133C1	133D1	 133E1	133F1	13401	13411	13421
2	13362	13372	13382	13392	133A2	133B2	133C2	133D2	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	 133F2	13402	13412	13422
3	13363	13373	13383	13393	3	133B3	133C3	133D3	 	 133F3	13403	13413	13423
4	13364	13374	13384	13394	⊜ 133A4	133B4	133C4	133D4	 133E4	 133F4	13404	13414	13424
5	13365	13375	∩ 13385	13395	133A5	133B5	133C5	133D5	\\\ 133E5	1111 133F5	13405	13415	13425
6	999 999 13366	13376	13386	13396	133A6	133B6	133C6	<u></u>	I I 133E6	111 11 133F6	13406	13416	13426
7	9999 999 13367	13377	∩∩ ∩ 13387	13397	133A7	(T) 133B7	→ 133C7	133D7	133E7	111 111 133F7	13407	13417	13427
8	9999 9999 13368	13378	∩∩ ∩∩ 13388	13398	133A8	133B8	₩	133D8	\ 133E8	1111 111 133F8	13408	13418	13428
9	9999 9999 13369	13379	13389	13399	133A9	133B9	₹	133D9	133E9	1111 1111 133F9	13409	13419	13429
Α	99999 1336A] 1337A	1338A	1339A) 133AA	T	℧	133DA	Q 133EA	 133FA	1340A	1341A	13424
В	1336B	1337B	1338B	1339B	133AB	133BB	133CB	133DB	133EB	133FB	1340B	★ 1341B	19428
С	1 336C	1337C	1338C	1339C		133BC	000 13300	133DC	X 133EC	 133FC	1340C	1341C	13426
D	999 1336D	1337D	000 000 000 1338D	1339D	CC 133AD	133BD] 133CD	133DD	133ED	= 133FD	1340D	1341D	13420
Е	1336E	1337E	∩∩ 1338E	1339E	₩ 133AE	133BE	133CE	133DE	133EE	133FE	1340E	Ü ₩ Ü	13426
F	1336F	1337F	∩∩∩ 1338F	1339F	133AF	133BF	O	133DF	¬	133FF	н <u></u>	1341F	1342F

Note to reviewers: This is a preliminary proposal. The code points shown are merely suggestions for a possible placement.

A. Man and his occupations

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13000 🗳 EGYPTIAN HIEROGLYPH A001
13001 🛍 EGYPTIAN HIEROGLYPH A002
13002 🕸 EGYPTIAN HIEROGLYPH A003
13003 🖞 EGYPTIAN HIEROGLYPH A004
13004 🦠 EGYPTIAN HIEROGLYPH A005
13005 🖫 EGYPTIAN HIEROGLYPH A005A
13006 🕅 EGYPTIAN HIEROGLYPH A006
13007 🔏 EGYPTIAN HIEROGLYPH A006A
13008 🖟 EGYPTIAN HIEROGLYPH A006B
13009 🔬 EGYPTIAN HIEROGLYPH A007
1300A & EGYPTIAN HIEROGLYPH A008
1300B 🖔 EGYPTIAN HIEROGLYPH A009
1300C 🕍 EGYPTIAN HIEROGLYPH A010
1300D A EGYPTIAN HIEROGLYPH A011
1300E ₩ EGYPTIAN HIEROGLYPH A012
1300F 🔓 EGYPTIAN HIEROGLYPH A013
13010 E EGYPTIAN HIEROGLYPH A014
13011 🗳 EGYPTIAN HIEROGLYPH A014A
13012 ₹ EGYPTIAN HIEROGLYPH A015
13013 🏂 EGYPTIAN HIEROGLYPH A016
13014 🖒 EGYPTIAN HIEROGLYPH A017
13015 ঐ EGYPTIAN HIEROGLYPH A017A
🛱 EGYPTIAN HIEROGLYPH A020
13018
13019 🎁 EGYPTIAN HIEROGLYPH A021
1301A ☐ EGYPTIAN HIEROGLYPH A022
1301B ₩ EGYPTIAN HIEROGLYPH A023
1301C └A EGYPTIAN HIEROGLYPH A024
1301D → EGYPTIAN HIEROGLYPH A025
1301E → EGYPTIAN HIEROGLYPH A026
1301F ↑ EGYPTIAN HIEROGLYPH A027
13020 ∬ EGYPTIAN HIEROGLYPH A028
13021 → EGYPTIAN HIEROGLYPH A029
13022
     🆫 EGYPTIAN HIEROGLYPH A030
13023 F EGYPTIAN HIEROGLYPH A031
13024 ♥ EGYPTIAN HIEROGLYPH A032
     🕏 EGYPTIAN HIEROGLYPH A032A
13026 🦎 EGYPTIAN HIEROGLYPH A033
13027 ₩ EGYPTIAN HIEROGLYPH A034
13028 ∰ EGYPTIAN HIEROGLYPH A035
13029 👸 EGYPTIAN HIEROGLYPH A036
1302A TEGYPTIAN HIEROGLYPH A037
1302B (Å) EGYPTIAN HIEROGLYPH A038
1302C 黨 EGYPTIAN HIEROGLYPH A039
1302D ∄ EGYPTIAN HIEROGLYPH A040
1302E ፡ EGYPTIAN HIEROGLYPH A040A
1302F 🐧 EGYPTIAN HIEROGLYPH A041
13030 M EGYPTIAN HIEROGLYPH A042
13031 ଐ EGYPTIAN HIEROGLYPH A042A
13033 ⅓ EGYPTIAN HIEROGLYPH A043A
13034 № EGYPTIAN HIEROGLYPH A044
     🖟 EGYPTIAN HIEROGLYPH A045
13035
13036 🖟 EGYPTIAN HIEROGLYPH A045A
13037 A EGYPTIAN HIEROGLYPH A046
13038 💆 EGYPTIAN HIEROGLYPH A047
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1303A ଐ EGYPTIAN HIEROGLYPH A049
1303B A EGYPTIAN HIEROGLYPH A050
1303C 🏂 EGYPTIAN HIEROGLYPH A051
1303D 셸 EGYPTIAN HIEROGLYPH A052
1303E | EGYPTIAN HIEROGLYPH A053
1303F 🕳 EGYPTIAN HIEROGLYPH A054
13040 ≅ EGYPTIAN HIEROGLYPH A055
13041 🕸 EGYPTIAN HIEROGLYPH A056
13042 → EGYPTIAN HIEROGLYPH A057
13043 🖄 EGYPTIAN HIEROGLYPH A058
13044 ∯ EGYPTIAN HIEROGLYPH A059
13045 TEGYPTIAN HIEROGLYPH A060
13046 A EGYPTIAN HIEROGLYPH A061
13047 🐧 EGYPTIAN HIEROGLYPH A062
13048 『 EGYPTIAN HIEROGLYPH A063
13049 🖒 EGYPTIAN HIEROGLYPH A064
1304A SEGYPTIAN HIEROGLYPH A065
1304B ∯ EGYPTIAN HIEROGLYPH A066
1304C 🖗 EGYPTIAN HIEROGLYPH A067
1304D ∜ EGYPTIAN HIEROGLYPH A068
1304E 🖺 EGYPTIAN HIEROGLYPH A069
1304F 

☐ EGYPTIAN HIEROGLYPH A070
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B. Woman and her occupations

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13050 № EGYPTIAN HIEROGLYPH B001
13051 № EGYPTIAN HIEROGLYPH B002
13052 № EGYPTIAN HIEROGLYPH B003
13053 № EGYPTIAN HIEROGLYPH B004
13054 № EGYPTIAN HIEROGLYPH B005
13055 № EGYPTIAN HIEROGLYPH B006
13057 № EGYPTIAN HIEROGLYPH B007
13058 № EGYPTIAN HIEROGLYPH B008
13059 № EGYPTIAN HIEROGLYPH B008
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C. Anthropomorphic deities

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1305A 👸 EGYPTIAN HIEROGLYPH C001
1305B ∜ EGYPTIAN HIEROGLYPH C002
1305C Å EGYPTIAN HIEROGLYPH C002A
1305D 🖁 EGYPTIAN HIEROGLYPH C002B
1305E ₩ EGYPTIAN HIEROGLYPH C002C
1305F ∄ EGYPTIAN HIEROGLYPH C003
13060 T EGYPTIAN HIEROGLYPH C004
13061 TEGYPTIAN HIEROGLYPH C005
13062 EGYPTIAN HIEROGLYPH C006
13063 EGYPTIAN HIEROGLYPH C007
13064 EGYPTIAN HIEROGLYPH C008
13065
     13066
     ∯ EGYPTIAN HIEROGLYPH C010
13067
    ₩ EGYPTIAN HIEROGLYPH C010A
13068 🖁 EGYPTIAN HIEROGLYPH C011
       = 1,000,000
13069 M EGYPTIAN HIEROGLYPH C012
1306A N EGYPTIAN HIEROGLYPH C013
1306B ₩ EGYPTIAN HIEROGLYPH C014
1306C ₩ EGYPTIAN HIEROGLYPH C015
1306D ₩ EGYPTIAN HIEROGLYPH C016
1306E ⅓ EGYPTIAN HIEROGLYPH C017
1306F ∄ EGYPTIAN HIEROGLYPH C018
13071 ¶ EGYPTIAN HIEROGLYPH C020
13072 🖁 EGYPTIAN HIEROGLYPH C021
13073 🋪 EGYPTIAN HIEROGLYPH C022
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13039 √ EGYPTIAN HIEROGLYPH A048

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13074 S EGYPTIAN HIEROGLYPH C023
                                                 130A6 WEGYPTIAN HIEROGLYPH D045
13075 🖟 EGYPTIAN HIEROGLYPH C024
                                                 130A7 = EGYPTIAN HIEROGLYPH D046
                                                       = d
D. Parts of the human body
                                                 130A8 = EGYPTIAN HIEROGLYPH D046A
13076 @ EGYPTIAN HIEROGLYPH D001
                                                 130A9 SEGYPTIAN HIEROGLYPH D047
13077 ♦ EGYPTIAN HIEROGLYPH D002
                                                 130AA _ EGYPTIAN HIEROGLYPH D048
13078 → EGYPTIAN HIEROGLYPH D003
                                                 130AB ⇔EGYPTIAN HIEROGLYPH D048A
13079 ← EGYPTIAN HIEROGLYPH D004
                                                 130AC ≥ EGYPTIAN HIEROGLYPH D049
1307A 🗫 EGYPTIAN HIEROGLYPH D005
                                                 1307B ♠ EGYPTIAN HIEROGLYPH D006
                                                        = 10,000
1307C ← EGYPTIAN HIEROGLYPH D007
                                                 130AE ∭ EGYPTIAN HIEROGLYPH D050A
1307D ∞ EGYPTIAN HIEROGLYPH D008
                                                        =20,000
1307E SEGYPTIAN HIEROGLYPH D008A
                                                 130AF ∭ EGYPTIAN HIEROGLYPH D050B
1307F ★ EGYPTIAN HIEROGLYPH D009
                                                        = 30,000
13080 ₹ EGYPTIAN HIEROGLYPH D010
                                                 130B0 ∭ EGYPTIAN HIEROGLYPH D050C
=40.000
      = 1/2
                                                 130B1 # EGYPTIAN HIEROGLYPH D050D
13082 O EGYPTIAN HIEROGLYPH D012
                                                        = 50.000
      = 1/4
                                                 130B2 # EGYPTIAN HIEROGLYPH D050E
13083 _ EGYPTIAN HIEROGLYPH D013
                                                        =60,000
      = 1/8
                                                 130B3 III EGYPTIAN HIEROGLYPH D050F
13084 ⊳ EGYPTIAN HIEROGLYPH D014
                                                        =70,000
      = 1/16
                                                 130B4 EGYPTIAN HIEROGLYPH D050G
= 80,000
      = 1/32
                                                 130B5 EGYPTIAN HIEROGLYPH D050H
=90,000
      = 1/64
                                                 130B6 IIII EGYPTIAN HIEROGLYPH D050I
13087 N. EGYPTIAN HIEROGLYPH D017
                                                       =50,000
13088 9 EGYPTIAN HIEROGLYPH D018
                                                 130B7 
EGYPTIAN HIEROGLYPH D051
13089 🕭 EGYPTIAN HIEROGLYPH D019
                                                 130B8 

■ EGYPTIAN HIEROGLYPH D052
1308A & EGYPTIAN HIEROGLYPH D020
                                                 130B9 ♣ EGYPTIAN HIEROGLYPH D052A
1308B ← EGYPTIAN HIEROGLYPH D021
                                                 130BA ← EGYPTIAN HIEROGLYPH D053
      = r
                                                 130BB △ EGYPTIAN HIEROGLYPH D054
130BC > EGYPTIAN HIEROGLYPH D054A
1308D ₱ EGYPTIAN HIEROGLYPH D023
                                                 130BD △ EGYPTIAN HIEROGLYPH D055
1308E __ EGYPTIAN HIEROGLYPH D024
                                                 1308F 

EGYPTIAN HIEROGLYPH D025
                                                 13090 	→ EGYPTIAN HIEROGLYPH D026
                                                 130C0 J EGYPTIAN HIEROGLYPH D058
= b
13092 	☐ EGYPTIAN HIEROGLYPH D027A
                                                 130C1 → EGYPTIAN HIEROGLYPH D059
13093 ☐ EGYPTIAN HIEROGLYPH D028
                                                 130C2 🗍 EGYPTIAN HIEROGLYPH D060
13094 ¥ EGYPTIAN HIEROGLYPH D029
                                                 130C3 ##, EGYPTIAN HIEROGLYPH D061
13095 ☐ EGYPTIAN HIEROGLYPH D030
                                                 130C4 EGYPTIAN HIEROGLYPH D062
13096 ♦ EGYPTIAN HIEROGLYPH D031
                                                 130C5 11 EGYPTIAN HIEROGLYPH D063
13097 EGYPTIAN HIEROGLYPH D031A
                                                 130C6 ≈ EGYPTIAN HIEROGLYPH D064
13098 () EGYPTIAN HIEROGLYPH D032
                                                 130C7 <sup>?</sup> EGYPTIAN HIEROGLYPH D065
13099 ₹ EGYPTIAN HIEROGLYPH D033
                                                 130C8 🔑 EGYPTIAN HIEROGLYPH D066
1309A ⚠ EGYPTIAN HIEROGLYPH D034
                                                 130C9 • EGYPTIAN HIEROGLYPH D067
1309B № EGYPTIAN HIEROGLYPH D034A
                                                        = 1 heqat measure
1309C --- EGYPTIAN HIEROGLYPH D035
                                                 130CA & EGYPTIAN HIEROGLYPH D067A
1309D _ EGYPTIAN HIEROGLYPH D036
                                                       = 2 hegat measures
      = avin
                                                 130CB ° EGYPTIAN HIEROGLYPH D067B
      \rightarrow 05E2 ש hebrew letter ayin
                                                        = 3 hegat measures
       \rightarrow 0639 \varepsilon arabic letter ain
                                                 130CC SS EGYPTIAN HIEROGLYPH D067C
       → A725 c latin small letter egyptological ain
                                                        = 4 heqat measures
1309E LEGYPTIAN HIEROGLYPH D037
                                                 130CD SS EGYPTIAN HIEROGLYPH D067D
1309F 🗀 EGYPTIAN HIEROGLYPH D038
                                                       = 5 heqat measures
130A0 an EGYPTIAN HIEROGLYPH D039
                                                 130CE 888 EGYPTIAN HIEROGLYPH D067E
130A1 — EGYPTIAN HIEROGLYPH D040
                                                       = 6 heqat measures
130A2 - EGYPTIAN HIEROGLYPH D041
                                                 130CF SEGYPTIAN HIEROGLYPH D067F
130A3 

EGYPTIAN HIEROGLYPH D042
                                                        = 7 heqat measures
130A4 مل EGYPTIAN HIEROGLYPH D043
```

130A5 🗀 EGYPTIAN HIEROGLYPH D044

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130D0 SEGYPTIAN HIEROGLYPH D067G
= 8 heqat measures
130D1 SEGYPTIAN HIEROGLYPH D067H
= 9 heqat measures
```

E. Mammals

130D2 🦙 EGYPTIAN HIEROGLYPH E001 130D3 57 EGYPTIAN HIEROGLYPH E002 130D4 ℅ EGYPTIAN HIEROGLYPH E003 130D5 🖄 EGYPTIAN HIEROGLYPH E004 130D6 S EGYPTIAN HIEROGLYPH E005 130D7 🍃 EGYPTIAN HIEROGLYPH E006 130D8 Segyptian Hieroglyph E007 130D9 ≒ EGYPTIAN HIEROGLYPH E008 130DA 🖧 EGYPTIAN HIEROGLYPH E008A 130DB ≅ EGYPTIAN HIEROGLYPH E009 130DC ≦ EGYPTIAN HIEROGLYPH E009A 130DD 📆 EGYPTIAN HIEROGLYPH E010 130DE TO EGYPTIAN HIEROGLYPH E011 130DF ≒ EGYPTIAN HIEROGLYPH E012 130E0 🎘 EGYPTIAN HIEROGLYPH E013 130E1 M EGYPTIAN HIEROGLYPH E014 130E2 ≤ EGYPTIAN HIEROGLYPH E015 130E3 🚔 EGYPTIAN HIEROGLYPH E016 130E4 🌦 EGYPTIAN HIEROGLYPH E016A 130E5 🦙 EGYPTIAN HIEROGLYPH E017 130E6 為 EGYPTIAN HIEROGLYPH E017A 130E7 🔄 EGYPTIAN HIEROGLYPH E018 130E8 A EGYPTIAN HIEROGLYPH E019 130EA 💹 EGYPTIAN HIEROGLYPH E020A 130EB ఈ EGYPTIAN HIEROGLYPH E021 130EC € EGYPTIAN HIEROGLYPH E022 130ED ≥ EGYPTIAN HIEROGLYPH E023 130EE ← EGYPTIAN HIEROGLYPH E024 130EF CEGYPTIAN HIEROGLYPH E025 130F0 B EGYPTIAN HIEROGLYPH E026 130F1 🆒 EGYPTIAN HIEROGLYPH E027 130F2 🦐 EGYPTIAN HIEROGLYPH E028 130F3 🔙 EGYPTIAN HIEROGLYPH E028A 130F4 🦙 EGYPTIAN HIEROGLYPH E029 130F5 🦐 EGYPTIAN HIEROGLYPH E030 130F6 🦐 EGYPTIAN HIEROGLYPH E031 130F7 🦙 EGYPTIAN HIEROGLYPH E032 130F8 5 EGYPTIAN HIEROGLYPH E033 130F9 🕰 EGYPTIAN HIEROGLYPH E034 130FA 🕰 EGYPTIAN HIEROGLYPH E034A 130FB 🙅 EGYPTIAN HIEROGLYPH E035 130FC 🐧 EGYPTIAN HIEROGLYPH E036 130FD A EGYPTIAN HIEROGLYPH E037 130FE 🦙 EGYPTIAN HIEROGLYPH E038

F. Parts of mammals

130FF

BEGYPTIAN HIEROGLYPH F001

13100

EGYPTIAN HIEROGLYPH F001

13101

EGYPTIAN HIEROGLYPH F002

13102

EGYPTIAN HIEROGLYPH F003

13103

EGYPTIAN HIEROGLYPH F004

13104

EGYPTIAN HIEROGLYPH F005

13105

EGYPTIAN HIEROGLYPH F006

13106

EGYPTIAN HIEROGLYPH F007

13107

EGYPTIAN HIEROGLYPH F008

13108

EGYPTIAN HIEROGLYPH F009

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13109 ₹ EGYPTIAN HIEROGLYPH F010
1310A ¥ EGYPTIAN HIEROGLYPH F011
1310B | EGYPTIAN HIEROGLYPH F012
1310E ₩ EGYPTIAN HIEROGLYPH F014
13110 EGYPTIAN HIEROGLYPH F016
13111 ¥ EGYPTIAN HIEROGLYPH F017
13112 EGYPTIAN HIEROGLYPH F018
13113 🚅 EGYPTIAN HIEROGLYPH F019
13114 ~ EGYPTIAN HIEROGLYPH F020
13116 @ EGYPTIAN HIEROGLYPH F021A
13117 🖄 EGYPTIAN HIEROGLYPH F022
13118 ≈ EGYPTIAN HIEROGLYPH F023
13119 ← EGYPTIAN HIEROGLYPH F024
1311A BEGYPTIAN HIEROGLYPH F025
1311B 777 EGYPTIAN HIEROGLYPH F026
1311D ☐ EGYPTIAN HIEROGLYPH F028
1311E 🅆 EGYPTIAN HIEROGLYPH F029
1311F ≒ EGYPTIAN HIEROGLYPH F030
13120 ∯ EGYPTIAN HIEROGLYPH F031
13122 	⇒ EGYPTIAN HIEROGLYPH F032
      \rightarrow 1E96 h latin small letter h with line below
13123 SEGYPTIAN HIEROGLYPH F033
13124 ♥ EGYPTIAN HIEROGLYPH F034
    å EGYPTIAN HIEROGLYPH F035
13125
13126 ↓ EGYPTIAN HIEROGLYPH F036
13127 ##\ EGYPTIAN HIEROGLYPH F037
13128 JEGYPTIAN HIEROGLYPH F037A
13129 W EGYPTIAN HIEROGLYPH F038
1312A DEGYPTIAN HIEROGLYPH F038A
1312B A EGYPTIAN HIEROGLYPH F039
1312C A EGYPTIAN HIEROGLYPH F040
1312E - EGYPTIAN HIEROGLYPH F042
1312F ♥ EGYPTIAN HIEROGLYPH F043
13130 SEGYPTIAN HIEROGLYPH F044
13131 ↑ EGYPTIAN HIEROGLYPH F045
13132 ↑ EGYPTIAN HIEROGLYPH F045A
13133 EGYPTIAN HIEROGLYPH F046
13134 = EGYPTIAN HIEROGLYPH F046A
13136 EGYPTIAN HIEROGLYPH F047A
13137 EGYPTIAN HIEROGLYPH F048
13138 = EGYPTIAN HIEROGLYPH F049
13139 ₱ EGYPTIAN HIEROGLYPH F050
1313A 		 EGYPTIAN HIEROGLYPH F051
1313B SSS EGYPTIAN HIEROGLYPH F051A
1313C § EGYPTIAN HIEROGLYPH F051B
1313D ♦ EGYPTIAN HIEROGLYPH F051C
1313E & EGYPTIAN HIEROGLYPH F052
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1313F TEGYPTIAN HIEROGLYPH F053

G. Birds

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13140 🋣 EGYPTIAN HIEROGLYPH G001
       = alef
       \rightarrow 05D0 × hebrew letter alef
       \rightarrow 0623 i arabic letter alef with hamza above
       → A723 3 latin small letter egyptological alef
13141 EGYPTIAN HIEROGLYPH G002
13142 🎎 EGYPTIAN HIEROGLYPH G003
13143 🔊 EGYPTIAN HIEROGLYPH G004
13144 💃 EGYPTIAN HIEROGLYPH G005
13145 💢 EGYPTIAN HIEROGLYPH G006
13146 🔊 EGYPTIAN HIEROGLYPH G006A
13147 ಿ EGYPTIAN HIEROGLYPH G007
13148 🔈 EGYPTIAN HIEROGLYPH G007A
13149 🎍 EGYPTIAN HIEROGLYPH G007B
1314A 🔊 EGYPTIAN HIEROGLYPH G008
1314B 🖔 EGYPTIAN HIEROGLYPH G009
1314C № EGYPTIAN HIEROGLYPH G010
1314D ≤ EGYPTIAN HIEROGLYPH G011
1314E → EGYPTIAN HIEROGLYPH G011A
1314F △ EGYPTIAN HIEROGLYPH G012
13150 L EGYPTIAN HIEROGLYPH G013
13151 \( \sum \) EGYPTIAN HIEROGLYPH G014
13152 \( \sum \) EGYPTIAN HIEROGLYPH G015
13153 💥 EGYPTIAN HIEROGLYPH G016
13154 🔊 EGYPTIAN HIEROGLYPH G017
       = m
13155 EGYPTIAN HIEROGLYPH G018
13156 REGYPTIAN HIEROGLYPH G019
13157 

★ EGYPTIAN HIEROGLYPH G020
13158 🖹 EGYPTIAN HIEROGLYPH G020A
13159 🏠 EGYPTIAN HIEROGLYPH G021
1315A 🖒 EGYPTIAN HIEROGLYPH G022
1315B 🐆 EGYPTIAN HIEROGLYPH G023
1315C ☆ EGYPTIAN HIEROGLYPH G024
1315D 🎏 EGYPTIAN HIEROGLYPH G025
1315E → EGYPTIAN HIEROGLYPH G026
1315F 🦙 EGYPTIAN HIEROGLYPH G026A
13160 PEGYPTIAN HIEROGLYPH G027
13161 SEGYPTIAN HIEROGLYPH G028
13162 🖒 EGYPTIAN HIEROGLYPH G029
13163 EGYPTIAN HIEROGLYPH G030
     🎏 EGYPTIAN HIEROGLYPH G031
13164
13165 🎘 EGYPTIAN HIEROGLYPH G032
13166 🏠 EGYPTIAN HIEROGLYPH G033
13167 🦙 EGYPTIAN HIEROGLYPH G034
13168 📡 EGYPTIAN HIEROGLYPH G035
13169 🛸 EGYPTIAN HIEROGLYPH G036
1316A 🛸 EGYPTIAN HIEROGLYPH G036A
1316B 🔊 EGYPTIAN HIEROGLYPH G037
1316C S EGYPTIAN HIEROGLYPH G037A
1316D 🦕 EGYPTIAN HIEROGLYPH G038
1316E 🖕 EGYPTIAN HIEROGLYPH G039
1316F 🔏 EGYPTIAN HIEROGLYPH G040
13170 🌿 EGYPTIAN HIEROGLYPH G041
13171 Segyptian Hieroglyph G042
13172 🎐 EGYPTIAN HIEROGLYPH G043
       = \mathbf{w}
13173 🏖 EGYPTIAN HIEROGLYPH G043A
13174 🏶 EGYPTIAN HIEROGLYPH G044
13175 🛣 EGYPTIAN HIEROGLYPH G045
13176 🕆 EGYPTIAN HIEROGLYPH G045A
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13177 🎇 EGYPTIAN HIEROGLYPH G046
13178 🖔 EGYPTIAN HIEROGLYPH G047
13179 SEGYPTIAN HIEROGLYPH G048
1317A 🕮 EGYPTIAN HIEROGLYPH G049
1317B SEGYPTIAN HIEROGLYPH G050
1317C € EGYPTIAN HIEROGLYPH G051
1317D ← EGYPTIAN HIEROGLYPH G052
1317E 💃 EGYPTIAN HIEROGLYPH G053
1317F 😂 EGYPTIAN HIEROGLYPH G054
H. Parts of birds
13180 2 EGYPTIAN HIEROGLYPH H001
13181 7° EGYPTIAN HIEROGLYPH H002
13182 A EGYPTIAN HIEROGLYPH H003
13183 8 EGYPTIAN HIEROGLYPH H004
13184 = EGYPTIAN HIEROGLYPH H005
13185 ∮ EGYPTIAN HIEROGLYPH H006
13186 ∮ EGYPTIAN HIEROGLYPH H006A
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I. Amphibious animals, reptiles, etc.

13188 O EGYPTIAN HIEROGLYPH H008

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13189 ₹ EGYPTIAN HIEROGLYPH 1001
1318A <

□ EGYPTIAN HIEROGLYPH 1002
1318B 🗫 EGYPTIAN HIEROGLYPH 1003
1318C 🗃 EGYPTIAN HIEROGLYPH 1004
1318D ➣ EGYPTIAN HIEROGLYPH 1005
1318E ≤ EGYPTIAN HIEROGLYPH 1005A
1318F △ EGYPTIAN HIEROGLYPH 1006
13190 📞 EGYPTIAN HIEROGLYPH 1007
     🌣 EGYPTIAN HIEROGLYPH 1008
       = 100,000
13192 🛌 EGYPTIAN HIEROGLYPH 1009
13193 🖼 EGYPTIAN HIEROGLYPH 1009A
13194 TEGYPTIAN HIEROGLYPH I010
       = di
       \rightarrow 1E0F d latin small letter d with line below
13195 ≒ EGYPTIAN HIEROGLYPH I010A
13196 GYPTIAN HIEROGLYPH I011
13197 🖹 EGYPTIAN HIEROGLYPH 1011A
13198 💪 EGYPTIAN HIEROGLYPH 1012
13199 🖁 EGYPTIAN HIEROGLYPH 1013
1319A w EGYPTIAN HIEROGLYPH 1014
1319B w EGYPTIAN HIEROGLYPH 1015
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K. Fishes and parts of fishes

1319C ← EGYPTIAN HIEROGLYPH K001 1319D ← EGYPTIAN HIEROGLYPH K002 1319E ➡ EGYPTIAN HIEROGLYPH K003 1319F ← EGYPTIAN HIEROGLYPH K004 131A0 ← EGYPTIAN HIEROGLYPH K005 131A1 ♦ EGYPTIAN HIEROGLYPH K006 131A2 ← EGYPTIAN HIEROGLYPH K007 131A3 № EGYPTIAN HIEROGLYPH K008

L. Invertebrata and lesser animals

131A4 舒 EGYPTIAN HIEROGLYPH L001 131A5 🕊 EGYPTIAN HIEROGLYPH L002 131A6 ⅓ EGYPTIAN HIEROGLYPH L002A 131A7 🖔 EGYPTIAN HIEROGLYPH L003 131A8 🖙 EGYPTIAN HIEROGLYPH L004 131A9 — EGYPTIAN HIEROGLYPH L005

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131AA ♥ EGYPTIAN HIEROGLYPH L006
                                                131D9 ₩ EGYPTIAN HIEROGLYPH M027
                                                131DA ♣ EGYPTIAN HIEROGLYPH M028
131AC TEGYPTIAN HIEROGLYPH L007
                                                131DB I EGYPTIAN HIEROGLYPH M028A
131AD EGYPTIAN HIEROGLYPH L008
                                                131DD [ EGYPTIAN HIEROGLYPH M030
M. Trees and plants
                                                131DE T EGYPTIAN HIEROGLYPH M031
131AE ♦ EGYPTIAN HIEROGLYPH M001
                                                131DF & EGYPTIAN HIEROGLYPH M031A
131AF Å EGYPTIAN HIEROGLYPH M001A
                                                131E0 ♥ EGYPTIAN HIEROGLYPH M032
131B0 🛈 EGYPTIAN HIEROGLYPH M001B
                                                131E1 , , , EGYPTIAN HIEROGLYPH M033
131B1 № EGYPTIAN HIEROGLYPH M002
                                                131E2 EGYPTIAN HIEROGLYPH M033A
131B2 EGYPTIAN HIEROGLYPH M003
                                                131E3 % EGYPTIAN HIEROGLYPH M033B
131B3 🏂 EGYPTIAN HIEROGLYPH M003A
                                                131E4 ♥ EGYPTIAN HIEROGLYPH M034
131E5 \( \text{D} \) EGYPTIAN HIEROGLYPH M035
131B5 ∫ EGYPTIAN HIEROGLYPH M005
                                                131E6 B EGYPTIAN HIEROGLYPH M036
131B6 ∮ EGYPTIAN HIEROGLYPH M006
                                                131E7 m EGYPTIAN HIEROGLYPH M037
131B7 🖁 EGYPTIAN HIEROGLYPH M007
                                                131E8 EGYPTIAN HIEROGLYPH M038
131B8 🚟 EGYPTIAN HIEROGLYPH M008
                                                131E9 TEGYPTIAN HIEROGLYPH M039
131B9 <sup>™</sup> EGYPTIAN HIEROGLYPH M009
                                                131EA 		 EGYPTIAN HIEROGLYPH M040
131BA \(^1\) EGYPTIAN HIEROGLYPH M010
                                                131EB 4 EGYPTIAN HIEROGLYPH M040A
131BB ≫ EGYPTIAN HIEROGLYPH M010A
                                                131EC = EGYPTIAN HIEROGLYPH M041
131BC \= EGYPTIAN HIEROGLYPH M011
                                                131ED ★ EGYPTIAN HIEROGLYPH M042
131BD 🖁 EGYPTIAN HIEROGLYPH M012
                                                131EE EGYPTIAN HIEROGLYPH M043
      = 1,000
                                                131BE 🗒 EGYPTIAN HIEROGLYPH M012A
                                                N. Sky, earth, water
      = 2,000
                                                131F0 = EGYPTIAN HIEROGLYPH N001
131BF III EGYPTIAN HIEROGLYPH M012B
                                                131F1 T EGYPTIAN HIEROGLYPH N002
      = 3.000
                                                131F2 T EGYPTIAN HIEROGLYPH N003
131C0 III EGYPTIAN HIEROGLYPH M012C
                                                131F3 TEGYPTIAN HIEROGLYPH N004
131C1 TITLE GYPTIAN HIEROGLYPH M012D
                                                131F4 ⊙ EGYPTIAN HIEROGLYPH N005
                                                131F5 ♥ EGYPTIAN HIEROGLYPH N006
       = 5,000
                                                131F6 R EGYPTIAN HIEROGLYPH N007
131C2 # EGYPTIAN HIEROGLYPH M012E
                                                131F7 ☐ EGYPTIAN HIEROGLYPH N008
      =6,000
                                                131F8 ⊖ EGYPTIAN HIEROGLYPH N009
131C3 # EGYPTIAN HIEROGLYPH M012F
                                                131F9 ○ EGYPTIAN HIEROGLYPH N010
      = 7.000
131C4 III EGYPTIAN HIEROGLYPH M012G
                                                131FA 	EGYPTIAN HIEROGLYPH N011
      = 8.000
                                                131FB 	EGYPTIAN HIEROGLYPH N012
                                                131FC ★ EGYPTIAN HIEROGLYPH N013
131C5 EGYPTIAN HIEROGLYPH M012H
                                                131FD \star EGYPTIAN HIEROGLYPH N014
       = 9,000
                                                131FE ⊕ EGYPTIAN HIEROGLYPH N015
131C6 | EGYPTIAN HIEROGLYPH M013
                                                131FF = EGYPTIAN HIEROGLYPH N016
131C7 ∜ EGYPTIAN HIEROGLYPH M014
131C8 🕱 EGYPTIAN HIEROGLYPH M015
                                                13200 = EGYPTIAN HIEROGLYPH N017
                                                13201 _ EGYPTIAN HIEROGLYPH N018
131C9 🌋 EGYPTIAN HIEROGLYPH M015A
131CA ∯ EGYPTIAN HIEROGLYPH M016
                                                13202 EGYPTIAN HIEROGLYPH N018A
131CB ♥ EGYPTIAN HIEROGLYPH M016A
                                                13203 = EGYPTIAN HIEROGLYPH N018B
131CC ↓ EGYPTIAN HIEROGLYPH M017
                                                13204 

EGYPTIAN HIEROGLYPH N019
                                                13205 = EGYPTIAN HIEROGLYPH N020
                                                13206 

□ EGYPTIAN HIEROGLYPH N021
       \rightarrow 05D9, hebrew letter yod
                                                13207 - EGYPTIAN HIEROGLYPH N022
      \rightarrow 064A \stackrel{\cdot}{\circ} arabic letter yeh
                                                13209 EEE EGYPTIAN HIEROGLYPH N024
                                                1320A № EGYPTIAN HIEROGLYPH N025
       → 133E5 w egyptian hieroglyph z004
                                                1320B ∞ EGYPTIAN HIEROGLYPH N025A
1320C ≥ EGYPTIAN HIEROGLYPH N026
131CF 🛛 EGYPTIAN HIEROGLYPH M019
                                                1320D № EGYPTIAN HIEROGLYPH N027
131D0 ∰ EGYPTIAN HIEROGLYPH M020
                                                131D1 Щ EGYPTIAN HIEROGLYPH M021
                                                1320F △ EGYPTIAN HIEROGLYPH N029
131D2 ↓ EGYPTIAN HIEROGLYPH M022
131D3 ↓ EGYPTIAN HIEROGLYPH M022A
                                                       \rightarrow 05E7 ₹ hebrew letter qof
131D4 ↓ EGYPTIAN HIEROGLYPH M023
                                                       \rightarrow 0642 \ddot{o} arabic letter qaf
131D5
    ↓ EGYPTIAN HIEROGLYPH M024
    FEGYPTIAN HIEROGLYPH M024A
                                                       → 1E33 k latin small letter k with dot below
131D6
                                                13210 	EGYPTIAN HIEROGLYPH N030
131D7 → EGYPTIAN HIEROGLYPH M025
                                                13211 

EGYPTIAN HIEROGLYPH N031
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13212 † EGYPTIAN HIEROGLYPH N032
                                                    13213 • EGYPTIAN HIEROGLYPH N033
                                                    1324B 🚊 EGYPTIAN HIEROGLYPH NU018A
13214 ••• EGYPTIAN HIEROGLYPH N033A
                                                    1324C 4 EGYPTIAN HIEROGLYPH NU019
13215 ⊅ EGYPTIAN HIEROGLYPH N034
                                                    1324D ⊈ EGYPTIAN HIEROGLYPH NU020
                                                    1324E 🚅 EGYPTIAN HIEROGLYPH NU021
13216 ⊅ EGYPTIAN HIEROGLYPH N034A
13217 ..... EGYPTIAN HIEROGLYPH N035
                                                    1324F 👱 EGYPTIAN HIEROGLYPH NU022
                                                    13250 🛓 EGYPTIAN HIEROGLYPH NU022A
       = n
13218 EGYPTIAN HIEROGLYPH N035A
                                                    O. Buildings, parts of buildings, etc.
13219 = EGYPTIAN HIEROGLYPH N036
                                                    13251 ☐ EGYPTIAN HIEROGLYPH O001
1321A — EGYPTIAN HIEROGLYPH N037
                                                    13252 ♀ EGYPTIAN HIEROGLYPH O001A
       = sh
                                                    13253 TEGYPTIAN HIEROGLYPH 0002
       \rightarrow 0161 š latin small letter s with caron
                                                    13254 GEGYPTIAN HIEROGLYPH O003
1321B 	≡ EGYPTIAN HIEROGLYPH N037A
                                                    13255 □ EGYPTIAN HIEROGLYPH O004
1321C ≡ EGYPTIAN HIEROGLYPH N038
                                                           = h
1321D EGYPTIAN HIEROGLYPH N039
                                                           \rightarrow 05D4 \overline{a} hebrew letter he
1321E TEGYPTIAN HIEROGLYPH N040
                                                           \rightarrow 0647 • arabic letter heh
1321F © EGYPTIAN HIEROGLYPH N041
                                                    13256 ☐ EGYPTIAN HIEROGLYPH O005
13220 □ EGYPTIAN HIEROGLYPH N042
                                                    13257 □ EGYPTIAN HIEROGLYPH O005A
NL. Nomes of Lower Egypt
                                                         EGYPTIAN HIEROGLYPH O006
                                                    13258
13221 🖳 EGYPTIAN HIEROGLYPH NL001
                                                    13259 EGYPTIAN HIEROGLYPH O006A
= beginning of hwt or serekh enclosure
13223 EGYPTIAN HIEROGLYPH NL003
                                                           → 13283 egyptian hieroglyph o033a
13224 ♣ EGYPTIAN HIEROGLYPH NL004
                                                    1325A F EGYPTIAN HIEROGLYPH O006B
13225 EGYPTIAN HIEROGLYPH NL005
                                                           = beginning of low hwt enclosure
13226 EGYPTIAN HIEROGLYPH NL005A
                                                    1325B ☐ EGYPTIAN HIEROGLYPH O006C
13227 EGYPTIAN HIEROGLYPH NL006
                                                           = beginning of high hwt enclosure
13228 ₹ EGYPTIAN HIEROGLYPH NL007
                                                    1325C ☐ EGYPTIAN HIEROGLYPH O006D
13229 ₹ EGYPTIAN HIEROGLYPH NL008
                                                           = end of high hwt enclosure
1322A 🚣 EGYPTIAN HIEROGLYPH NL009
                                                    1325D ☐ EGYPTIAN HIEROGLYPH O006E
1322B EGYPTIAN HIEROGLYPH NL010
                                                           = end of low hwt enclosure
1322C 🙅 EGYPTIAN HIEROGLYPH NL011
                                                    1325E ☐ EGYPTIAN HIEROGLYPH O006F
1322D № EGYPTIAN HIEROGLYPH NL012
                                                           = end of hwt enclosure
1322E ⊈ EGYPTIAN HIEROGLYPH NL013
                                                    1325F 🖟 EGYPTIAN HIEROGLYPH O007
1322F 壁 EGYPTIAN HIEROGLYPH NL014
                                                    13260 EGYPTIAN HIEROGLYPH 0008
13230 👱 EGYPTIAN HIEROGLYPH NL015
                                                    13261 EGYPTIAN HIEROGLYPH 0009
13231 ♠ EGYPTIAN HIEROGLYPH NL016
                                                    13262 📓 EGYPTIAN HIEROGLYPH O010
13232 \( \frac{1}{22}\) EGYPTIAN HIEROGLYPH NL017
13233 \( \frac{1}{22}\) EGYPTIAN HIEROGLYPH NL017A
                                                    13263 ☐ EGYPTIAN HIEROGLYPH O010A
                                                    13264 🕊 EGYPTIAN HIEROGLYPH O010B
13234 🖑 EGYPTIAN HIEROGLYPH NL018
                                                    13265 🗟 EGYPTIAN HIEROGLYPH O010C
13235 😩 EGYPTIAN HIEROGLYPH NL019
                                                    13266 EGYPTIAN HIEROGLYPH 0011
13236 LEGYPTIAN HIEROGLYPH NL020
                                                    13267 PEGYPTIAN HIEROGLYPH 0012
                                                    13268 TEGYPTIAN HIEROGLYPH 0013
NU. Nomes of Upper Egypt
                                                    13269 TEGYPTIAN HIEROGLYPH 0014
13237 \( \overline{\Pi} \) EGYPTIAN HIEROGLYPH NU001
                                                    1326A EGYPTIAN HIEROGLYPH 0015
13238 EGYPTIAN HIEROGLYPH NU002
                                                    1326B EGYPTIAN HIEROGLYPH O016
13239 EGYPTIAN HIEROGLYPH NU003
                                                    1326C EGYPTIAN HIEROGLYPH 0017
1323A ≟ EGYPTIAN HIEROGLYPH NU004
                                                    1326D 🗎 EGYPTIAN HIEROGLYPH O018
1323B 👺 EGYPTIAN HIEROGLYPH NU005
                                                    1326E ★ EGYPTIAN HIEROGLYPH O019
1323C 🛬 EGYPTIAN HIEROGLYPH NU006
                                                    1326F 🗓 EGYPTIAN HIEROGLYPH O019A
1323D ≟ EGYPTIAN HIEROGLYPH NU007
                                                    13270 🖺 EGYPTIAN HIEROGLYPH O020
1323E ⊈ EGYPTIAN HIEROGLYPH NU008
                                                    13271 ☐ EGYPTIAN HIEROGLYPH O020A
1323F 🚖 EGYPTIAN HIEROGLYPH NU009
                                                    13272 🖟 EGYPTIAN HIEROGLYPH 0021
13240 ≟ EGYPTIAN HIEROGLYPH NU010
                                                    13273 THEGYPTIAN HIEROGLYPH 0022
13241 🖳 EGYPTIAN HIEROGLYPH NU010A
                                                    13274 EGYPTIAN HIEROGLYPH O023
13242 ≨ EGYPTIAN HIEROGLYPH NU011
                                                    13275 △ EGYPTIAN HIEROGLYPH O024
13243 🖳 EGYPTIAN HIEROGLYPH NU011A
                                                    13276 🗖 EGYPTIAN HIEROGLYPH 0024A
13244 🟯 EGYPTIAN HIEROGLYPH NU012

    ☐ EGYPTIAN HIEROGLYPH 0025

                                                    13277
13245 🖳 EGYPTIAN HIEROGLYPH NU013
                                                        Ā EGYPTIAN HIEROGLYPH O025A
                                                    13278
13246 🖳 EGYPTIAN HIEROGLYPH NU014
                                                    13279 TEGYPTIAN HIEROGLYPH 0026
13247 🙅 EGYPTIAN HIEROGLYPH NU015
                                                    1327A III EGYPTIAN HIEROGLYPH O027
13248 🚈 EGYPTIAN HIEROGLYPH NU016
                                                    1327B | EGYPTIAN HIEROGLYPH O028
13249 🛬 EGYPTIAN HIEROGLYPH NU017
                                                    1327C ← EGYPTIAN HIEROGLYPH O029
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1327D | EGYPTIAN HIEROGLYPH 0029A
1327E | EGYPTIAN HIEROGLYPH 0030
1327F YYYY EGYPTIAN HIEROGLYPH O030A
13280 = EGYPTIAN HIEROGLYPH 0031
13281 TEGYPTIAN HIEROGLYPH 0032
13282 EGYPTIAN HIEROGLYPH 0033
13283 EGYPTIAN HIEROGLYPH O033A
       = end of serekh enclosure
       → 13258 g egyptian hieroglyph o006a
13284 __ EGYPTIAN HIEROGLYPH O034
       = s, z
       → 132F3 | egyptian hieroglyph s029
13285 TEGYPTIAN HIEROGLYPH 0035
13286 | EGYPTIAN HIEROGLYPH 0036
13287 ( EGYPTIAN HIEROGLYPH O036A
       = beginning of fortified wall cartouche
13288 ) EGYPTIAN HIEROGLYPH 0036B
       = end of fortified wall cartouche
13289 EGYPTIAN HIEROGLYPH 0036C
       = beginning of fortified wall enclosure
1328A ] EGYPTIAN HIEROGLYPH 0036D
       = end of fortified wall enclosure
1328B ⇐ EGYPTIAN HIEROGLYPH O037
1328C ☐ EGYPTIAN HIEROGLYPH O038
1328D = EGYPTIAN HIEROGLYPH 0039
1328E 🖆 EGYPTIAN HIEROGLYPH O040
1328F 📤 EGYPTIAN HIEROGLYPH 0041
13290 zttt EGYPTIAN HIEROGLYPH O042
13291 EGYPTIAN HIEROGLYPH O043
13292 ¥ EGYPTIAN HIEROGLYPH O044
13293 △ EGYPTIAN HIEROGLYPH 0045
13294 @ EGYPTIAN HIEROGLYPH 0046
13295 EGYPTIAN HIEROGLYPH 0047
13296 ® EGYPTIAN HIEROGLYPH O048
13297 ⊗ EGYPTIAN HIEROGLYPH O049
13298 © EGYPTIAN HIEROGLYPH O050
13299 σ EGYPTIAN HIEROGLYPH O050A
1329A b EGYPTIAN HIEROGLYPH 0050B
1329B 🕮 EGYPTIAN HIEROGLYPH 0051
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P. Ships and parts of ships

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1329C → EGYPTIAN HIEROGLYPH P001
1329D → EGYPTIAN HIEROGLYPH P001A
1329E → EGYPTIAN HIEROGLYPH P002
1329F → EGYPTIAN HIEROGLYPH P003
132A1 → EGYPTIAN HIEROGLYPH P004
132A2 → EGYPTIAN HIEROGLYPH P005
132A3 → EGYPTIAN HIEROGLYPH P006
132A4 → EGYPTIAN HIEROGLYPH P007
132A5 → EGYPTIAN HIEROGLYPH P008
132A6 → EGYPTIAN HIEROGLYPH P009
132A7 → EGYPTIAN HIEROGLYPH P010
132A8 → EGYPTIAN HIEROGLYPH P011
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Q. Domestic and funerary furniture

132AF 🖟 EGYPTIAN HIEROGLYPH Q007

R. Temple furniture and sacred emblems

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132B0 <sup>™</sup> EGYPTIAN HIEROGLYPH R001
132B1 EGYPTIAN HIEROGLYPH R002
132B2 EGYPTIAN HIEROGLYPH R002A
132B3 ≜ EGYPTIAN HIEROGLYPH R003
132B4 ← EGYPTIAN HIEROGLYPH R003A
132B5 ─ EGYPTIAN HIEROGLYPH R003B
132B6 📤 EGYPTIAN HIEROGLYPH R004
132B7 = EGYPTIAN HIEROGLYPH R005
132B8 <□ EGYPTIAN HIEROGLYPH R006
132B9 ↑ EGYPTIAN HIEROGLYPH R007
132BA TEGYPTIAN HIEROGLYPH R008
132BB ☐ EGYPTIAN HIEROGLYPH R009
132BC L EGYPTIAN HIEROGLYPH R010
132BD 🖟 EGYPTIAN HIEROGLYPH R010A
132BE ∄ EGYPTIAN HIEROGLYPH R011
132BF T EGYPTIAN HIEROGLYPH R012
132C0 ♥ EGYPTIAN HIEROGLYPH R013
132C1
      EGYPTIAN HIEROGLYPH R014
132C2 🗣 EGYPTIAN HIEROGLYPH R015
132C3 FEGYPTIAN HIEROGLYPH R016
     † EGYPTIAN HIEROGLYPH R016A
132C4
132C5 ∯ EGYPTIAN HIEROGLYPH R017
132C7 ¶ EGYPTIAN HIEROGLYPH R019
132C8 ₱ EGYPTIAN HIEROGLYPH R020
132C9 <sup>♣</sup> EGYPTIAN HIEROGLYPH R021
132CA SEGYPTIAN HIEROGLYPH R022
132CB ← EGYPTIAN HIEROGLYPH R023
132CC ⋈ EGYPTIAN HIEROGLYPH R024
132CD 

EGYPTIAN HIEROGLYPH R025
132CE I EGYPTIAN HIEROGLYPH R026
132CF * EGYPTIAN HIEROGLYPH R027
132D0 TEGYPTIAN HIEROGLYPH R028
132D1 
☐ EGYPTIAN HIEROGLYPH R029
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S. Crowns, dress, staves, etc.

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132D2 / EGYPTIAN HIEROGLYPH S001
132D3 A EGYPTIAN HIEROGLYPH S002
132D4 & EGYPTIAN HIEROGLYPH S002A
132D5 

✓ EGYPTIAN HIEROGLYPH S003
132D6 ∠ EGYPTIAN HIEROGLYPH S004
132D7 ₹ EGYPTIAN HIEROGLYPH S005
132D8 🗷 EGYPTIAN HIEROGLYPH S006
132D9 ₹ EGYPTIAN HIEROGLYPH S006A
132DA ⊖ EGYPTIAN HIEROGLYPH S007
132DB 🔏 EGYPTIAN HIEROGLYPH S008
132DC 🗓 EGYPTIAN HIEROGLYPH S009
132DD ௸ EGYPTIAN HIEROGLYPH S010
132DE ♥ EGYPTIAN HIEROGLYPH S011
132DF CEGYPTIAN HIEROGLYPH S012
132E0 🕆 EGYPTIAN HIEROGLYPH S013
132E1 ♣ EGYPTIAN HIEROGLYPH S014
132E2 ★ EGYPTIAN HIEROGLYPH S014A
132E3 🚊 EGYPTIAN HIEROGLYPH S014B
132E5 A EGYPTIAN HIEROGLYPH S016
132E6 Î EGYPTIAN HIEROGLYPH S017
132E7 EGYPTIAN HIEROGLYPH S017A
132E8 A EGYPTIAN HIEROGLYPH S018
132E9 © EGYPTIAN HIEROGLYPH S019
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132EA & EGYPTIAN HIEROGLYPH S020
                                               132EB O EGYPTIAN HIEROGLYPH S021
                                               13326 @ EGYPTIAN HIEROGLYPH T027
132EC ₹ EGYPTIAN HIEROGLYPH S022
                                               13327 A EGYPTIAN HIEROGLYPH T028
                                               13328 EGYPTIAN HIEROGLYPH T029
132ED A EGYPTIAN HIEROGLYPH S023
                                               13329 🦐 EGYPTIAN HIEROGLYPH T030
132EE 

EGYPTIAN HIEROGLYPH S024
132EF ← EGYPTIAN HIEROGLYPH S025
                                               1332A ≤ EGYPTIAN HIEROGLYPH T031
132F0 🖟 EGYPTIAN HIEROGLYPH S026
                                               1332B → EGYPTIAN HIEROGLYPH T032
132F1 ☐ EGYPTIAN HIEROGLYPH S027
                                               1332C ♣ EGYPTIAN HIEROGLYPH T032A
132F2 TEGYPTIAN HIEROGLYPH S028
                                               1332D → EGYPTIAN HIEROGLYPH T033
1332E ₩ EGYPTIAN HIEROGLYPH T033A
                                               1332F

    ■ EGYPTIAN HIEROGLYPH T034

      → 13284 	— egyptian hieroglyph o034
                                               13330
                                                      EGYPTIAN HIEROGLYPH T035
13331 ^ EGYPTIAN HIEROGLYPH T036
132F5 🕸 EGYPTIAN HIEROGLYPH S031
                                               U. Agriculture, crafts, and professions
132F6 ≡ EGYPTIAN HIEROGLYPH S032
13332 > EGYPTIAN HIEROGLYPH U001
                                               13333 DEGYPTIAN HIEROGLYPH U002
132F8 ♀ EGYPTIAN HIEROGLYPH S034
132F9 → EGYPTIAN HIEROGLYPH S035
                                               13334 拳 EGYPTIAN HIEROGLYPH U003
                                               13335 → EGYPTIAN HIEROGLYPH U004
132FA → EGYPTIAN HIEROGLYPH S035A
                                               13336 ⇒ EGYPTIAN HIEROGLYPH U005
132FB ↑ EGYPTIAN HIEROGLYPH S036
                                               13337 🏷 EGYPTIAN HIEROGLYPH U006
132FC
      EGYPTIAN HIEROGLYPH S037
                                               13338 ↑ EGYPTIAN HIEROGLYPH U006A
132FD
      EGYPTIAN HIEROGLYPH S038
                                               13339 ∮ EGYPTIAN HIEROGLYPH U006B
132FE
      EGYPTIAN HIEROGLYPH S039
                                               1333A ← EGYPTIAN HIEROGLYPH U007
132FF
      EGYPTIAN HIEROGLYPH S040
                                               1333B < EGYPTIAN HIEROGLYPH U008
13300
      EGYPTIAN HIEROGLYPH S041
                                               1333C @ EGYPTIAN HIEROGLYPH U009
13301
      EGYPTIAN HIEROGLYPH S042
                                               1333D 🛱 EGYPTIAN HIEROGLYPH U010
13302
      EGYPTIAN HIEROGLYPH S043
13303 🕴 EGYPTIAN HIEROGLYPH S044
                                               1333E 🔏 EGYPTIAN HIEROGLYPH U011
                                               1333F → EGYPTIAN HIEROGLYPH U012
13304 A EGYPTIAN HIEROGLYPH S045
                                               13340 ≥ EGYPTIAN HIEROGLYPH U013
13305 ຈ EGYPTIAN HIEROGLYPH S046
                                               13341 ≥ EGYPTIAN HIEROGLYPH U014
T. Warfare, hunting, butchery
                                               13342 ≽ EGYPTIAN HIEROGLYPH U015
13306 ← EGYPTIAN HIEROGLYPH T001
                                               13343 🚈 EGYPTIAN HIEROGLYPH U016
13307 C EGYPTIAN HIEROGLYPH T002
                                               13344 🗷 EGYPTIAN HIEROGLYPH U017
13308 | EGYPTIAN HIEROGLYPH T003
                                               13345 EGYPTIAN HIEROGLYPH U018
13309 💃 EGYPTIAN HIEROGLYPH T003A
                                               13346 ~ EGYPTIAN HIEROGLYPH U019
1330A Å EGYPTIAN HIEROGLYPH T004
                                               13347 ← EGYPTIAN HIEROGLYPH U020
1330B † EGYPTIAN HIEROGLYPH T005
                                               13348 — EGYPTIAN HIEROGLYPH U021
                                               13349 A EGYPTIAN HIEROGLYPH U022
1330C ♣ EGYPTIAN HIEROGLYPH T006
                                               1334A F EGYPTIAN HIEROGLYPH U023
1330E ☐ EGYPTIAN HIEROGLYPH T007A
                                               1334B FEGYPTIAN HIEROGLYPH U023A
1330F | EGYPTIAN HIEROGLYPH T008
                                               1334C † EGYPTIAN HIEROGLYPH U024
                                               1334D F EGYPTIAN HIEROGLYPH U025
13310 TEGYPTIAN HIEROGLYPH T008A
13311 _ EGYPTIAN HIEROGLYPH T009
                                               1334E 🖁 EGYPTIAN HIEROGLYPH U026
                                               1334F
13312 — EGYPTIAN HIEROGLYPH T009A
                                                     EGYPTIAN HIEROGLYPH U027
                                               13313 _ EGYPTIAN HIEROGLYPH T010
                                               13314 → EGYPTIAN HIEROGLYPH T011
13315 ★ EGYPTIAN HIEROGLYPH T011A
                                               13316 & EGYPTIAN HIEROGLYPH T012
                                               13353 🗈 EGYPTIAN HIEROGLYPH U030
                                               13354 ← EGYPTIAN HIEROGLYPH U031
13317 FEGYPTIAN HIEROGLYPH T013
                                               13355 ) EGYPTIAN HIEROGLYPH U032
     EGYPTIAN HIEROGLYPH T014
13319 ) EGYPTIAN HIEROGLYPH T015
                                               13356
                                                     EGYPTIAN HIEROGLYPH U032A
                                               13357
1331A ← EGYPTIAN HIEROGLYPH T016
                                                     EGYPTIAN HIEROGLYPH U033
1331B 4 EGYPTIAN HIEROGLYPH T016A
                                                    🕴 EGYPTIAN HIEROGLYPH U034
                                               13358
1331C ** EGYPTIAN HIEROGLYPH T017
                                               13359 🛱 EGYPTIAN HIEROGLYPH U035
```

1331D ≩ EGYPTIAN HIEROGLYPH T018

1331E [₹] EGYPTIAN HIEROGLYPH T019

1331F ∮ EGYPTIAN HIEROGLYPH T020

13320 - EGYPTIAN HIEROGLYPH T021

13321 ↓ EGYPTIAN HIEROGLYPH T022

13322 ∮ EGYPTIAN HIEROGLYPH T023

13323

© EGYPTIAN HIEROGLYPH T024
13324

Å EGYPTIAN HIEROGLYPH T025

1335C [™] EGYPTIAN HIEROGLYPH U038

1335D | EGYPTIAN HIEROGLYPH U039

1335E] EGYPTIAN HIEROGLYPH U040

1335F ∯ EGYPTIAN HIEROGLYPH U041

13360 | EGYPTIAN HIEROGLYPH U042

1338A AAA EGYPTIAN HIEROGLYPH V020E

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V. Rope, fibre, baskets, bags, etc.
13361 ° EGYPTIAN HIEROGLYPH V001
                                                  1338B MMEGYPTIAN HIEROGLYPH V020F
       = 100
                                                         =70
13362 °C EGYPTIAN HIEROGLYPH V001A
                                                  1338C MM EGYPTIAN HIEROGLYPH V020G
       = 200
                                                         = 80
13363 %% EGYPTIAN HIEROGLYPH V001B
                                                  1338D ∰ EGYPTIAN HIEROGLYPH V020H
       = 300
13364 °CCEGYPTIAN HIEROGLYPH V001C
                                                  1338E OO EGYPTIAN HIEROGLYPH V020I
                                                         = 20
13365 W EGYPTIAN HIEROGLYPH V001D
                                                  1338F non EGYPTIAN HIEROGLYPH V020J
                                                         = 30
13366 EGYPTIAN HIEROGLYPH V001E
                                                  13390 nnn EGYPTIAN HIEROGLYPH V020K
      = 600
                                                         =40
13367 W EGYPTIAN HIEROGLYPH V001F
                                                  13391 mm EGYPTIAN HIEROGLYPH V020L
                                                         = 50
13368 W EGYPTIAN HIEROGLYPH V001G
                                                  13392 ♀ EGYPTIAN HIEROGLYPH V021
                                                  13393 TEGYPTIAN HIEROGLYPH V022
13369 REGYPTIAN HIEROGLYPH V001H
                                                  13394 <sup>™</sup> EGYPTIAN HIEROGLYPH V023
       =900
                                                  13395 → EGYPTIAN HIEROGLYPH V023A
1336A MEROGLYPH V001I
                                                  = 500
                                                  13397 ↑ EGYPTIAN HIEROGLYPH V025
1336B ← EGYPTIAN HIEROGLYPH V002
                                                  13398 <del>← EGYPTIAN HIEROGLYPH V026</del>
1336C ★ EGYPTIAN HIEROGLYPH V002A
                                                  13399 → EGYPTIAN HIEROGLYPH V027
1336D *** EGYPTIAN HIEROGLYPH V003
                                                  1339A | EGYPTIAN HIEROGLYPH V028
1336E ★ EGYPTIAN HIEROGLYPH V004
1336F @ EGYPTIAN HIEROGLYPH V005
                                                         \rightarrow 062D \rightarrow arabic letter hah
13370 8 EGYPTIAN HIEROGLYPH V006
                                                         → 1E25 h latin small letter h with dot below
13371 & EGYPTIAN HIEROGLYPH V007
                                                  1339B - ₹ EGYPTIAN HIEROGLYPH V028A
1339C TEGYPTIAN HIEROGLYPH V029
13373 ↑ EGYPTIAN HIEROGLYPH V007B
                                                  1339D ♀ EGYPTIAN HIEROGLYPH V029A
13374 🖟 EGYPTIAN HIEROGLYPH V008
                                                  1339E — EGYPTIAN HIEROGLYPH V030
13375 

□ EGYPTIAN HIEROGLYPH V009
                                                  1339F — EGYPTIAN HIEROGLYPH V030A
13376 CEGYPTIAN HIEROGLYPH V010
                                                  133A0 

EGYPTIAN HIEROGLYPH V031
= k
13378 ( EGYPTIAN HIEROGLYPH V011A
                                                         \rightarrow 05DB > hebrew letter kaf
       = beginning of cartouche
                                                         → 0643 <sup>△</sup> arabic letter kaf
13379 EGYPTIAN HIEROGLYPH V011B
                                                  133A1 ≈ EGYPTIAN HIEROGLYPH V031A
       = end of cartouche
                                                  133A2 ﷺ EGYPTIAN HIEROGLYPH V032
1337A ) EGYPTIAN HIEROGLYPH V011C
                                                  133A3 ზ EGYPTIAN HIEROGLYPH V033
       = end of knotless cartouche
                                                  133A4 ⊕ EGYPTIAN HIEROGLYPH V033A
133A5 🖰 EGYPTIAN HIEROGLYPH V034
1337C ≈ EGYPTIAN HIEROGLYPH V012A
                                                  133A6 ⋋ EGYPTIAN HIEROGLYPH V035
1337D <sup>™</sup> EGYPTIAN HIEROGLYPH V012B
                                                  133A7 ↑ EGYPTIAN HIEROGLYPH V036
1337E ⇐ EGYPTIAN HIEROGLYPH V013
                                                  = ti
                                                  133A9 SEGYPTIAN HIEROGLYPH V037A
       \rightarrow 1E6F t latin small letter t with line below
                                                  133AA () EGYPTIAN HIEROGLYPH V038
1337F ⇐ EGYPTIAN HIEROGLYPH V014
                                                  133AB 🖁 EGYPTIAN HIEROGLYPH V039
13380 〒 EGYPTIAN HIEROGLYPH V015
                                                  133AC c EGYPTIAN HIEROGLYPH V040
13381 ### EGYPTIAN HIEROGLYPH V016
                                                         = 10 in dates
13382 GEGYPTIAN HIEROGLYPH V017
                                                  133AD cc EGYPTIAN HIEROGLYPH V040A
= 20 in dates
13385 O EGYPTIAN HIEROGLYPH V020
                                                  W. Vessels of stone and earthenware
       = 10
                                                  133AE \P EGYPTIAN HIEROGLYPH W001 133AF \P EGYPTIAN HIEROGLYPH W002
13386 ↑ EGYPTIAN HIEROGLYPH V020A
       = 20
                                                  133B0 

▼ EGYPTIAN HIEROGLYPH W003
13387 ^^ EGYPTIAN HIEROGLYPH V020B
                                                  133B1 ∞ EGYPTIAN HIEROGLYPH W003A
       = 30
                                                  133B2 DEGYPTIAN HIEROGLYPH W004
13388 AA EGYPTIAN HIEROGLYPH V020C
                                                  133B3 ÆEGYPTIAN HIEROGLYPH W005
                                                  133B4 ♥ EGYPTIAN HIEROGLYPH W006
13389 COCEGYPTIAN HIEROGLYPH V020D
                                                  133B5 ♥ EGYPTIAN HIEROGLYPH W007
       = 50
                                                  133B6 

EGYPTIAN HIEROGLYPH W008
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X. Loaves and cakes

```
133CE △ EGYPTIAN HIEROGLYPH X001

= t

133CF ⊕ EGYPTIAN HIEROGLYPH X002

133D0 ⊕ EGYPTIAN HIEROGLYPH X003

133D1 ➡ EGYPTIAN HIEROGLYPH X004

133D2 ➡ EGYPTIAN HIEROGLYPH X004A

133D3 ➡ EGYPTIAN HIEROGLYPH X005

133D4 ὧ EGYPTIAN HIEROGLYPH X006

133D5 ∘ EGYPTIAN HIEROGLYPH X006A

133D6 △ EGYPTIAN HIEROGLYPH X007

133D7 Å EGYPTIAN HIEROGLYPH X008
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Y. Writings, games, music

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133D8 → EGYPTIAN HIEROGLYPH Y001
133D9 ↓ EGYPTIAN HIEROGLYPH Y001A
133DA → EGYPTIAN HIEROGLYPH Y002
133DB ⋈ EGYPTIAN HIEROGLYPH Y003
133DC ⋈ EGYPTIAN HIEROGLYPH Y004
133DD → EGYPTIAN HIEROGLYPH Y005
133DE △ EGYPTIAN HIEROGLYPH Y006
133DF ⊅ EGYPTIAN HIEROGLYPH Y007
133E0 ♀ EGYPTIAN HIEROGLYPH Y008
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Z. Strokes, signs derived from Hieratic, geometrical figures

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133E1 → EGYPTIAN HIEROGLYPH Z001

= unity

→ 133F2 → egyptian hieroglyph z015

133E2 → EGYPTIAN HIEROGLYPH Z002

= plurality

→ 133F4 → egyptian hieroglyph z015b

133E3 │ EGYPTIAN HIEROGLYPH Z003

= plurality

→ 133F4 → egyptian hieroglyph z015b

133E4 → EGYPTIAN HIEROGLYPH Z003A
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```
133E5 N EGYPTIAN HIEROGLYPH Z004
       = duality
       = y
       → 131CD \ egyptian hieroglyph m017a
133E6 + EGYPTIAN HIEROGLYPH Z004A
       = duality
       → 133F3 | egyptian hieroglyph z015a
133E7 	➤ EGYPTIAN HIEROGLYPH Z005
133E8 \ EGYPTIAN HIEROGLYPH Z005A
133E9 → EGYPTIAN HIEROGLYPH Z006
133EA @ EGYPTIAN HIEROGLYPH Z007
133EB 

EGYPTIAN HIEROGLYPH Z008
133EC × EGYPTIAN HIEROGLYPH Z009
133ED ≈ EGYPTIAN HIEROGLYPH Z010
133EF ¬ EGYPTIAN HIEROGLYPH Z012
133F0 O EGYPTIAN HIEROGLYPH Z013
133F1 \ EGYPTIAN HIEROGLYPH Z014
133F2 | EGYPTIAN HIEROGLYPH Z015
       → 133E1 | egyptian hieroglyph z001
133F3 II EGYPTIAN HIEROGLYPH Z015A
      = 2
       → 133E6 · · · egyptian hieroglyph z004a
133F4 III EGYPTIAN HIEROGLYPH Z015B
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133F4 III EGYPTIAN HIEROGLYPH Z015B = 3 → 133E2 III egyptian hieroglyph z002 → 133E3 egyptian hieroglyph z003

133F5 IIII EGYPTIAN HIEROGLYPH Z015C = 4

133F6 || EGYPTIAN HIEROGLYPH Z015D = 5

133F7 ||| EGYPTIAN HIEROGLYPH Z015E = 6

133F8 |||| EGYPTIAN HIEROGLYPH Z015F = 7 133F9 |||| EGYPTIAN HIEROGLYPH Z015G

= 8 133FA ||| EGYPTIAN HIEROGLYPH Z015H

= 9 133FB IIII EGYPTIAN HIEROGLYPH Z015I

= 5 133FC - EGYPTIAN HIEROGLYPH Z016

= 1 in dates

133FD = EGYPTIAN HIEROGLYPH Z016A = 2 in dates

133FE ≡ EGYPTIAN HIEROGLYPH Z016B = 3 in dates

133FF ≡ EGYPTIAN HIEROGLYPH Z016C = 4 in dates

13400 ≡= EGYPTIAN HIEROGLYPH Z016D = 5 in dates

13401 ≡ EGYPTIAN HIEROGLYPH Z016E = 6 in dates

13402 ≡ EGYPTIAN HIEROGLYPH Z016F = 7 in dates

13403 ≡ EGYPTIAN HIEROGLYPH Z016G = 8 in dates

13404 ≡≡≡ EGYPTIAN HIEROGLYPH Z016H

= 9 in dates

Aa. Unclassified

13405 ⊜ EGYPTIAN HIEROGLYPH AA001 \rightarrow 0624 $\dot{}$ arabic letter khah \rightarrow 1E2B \mathfrak{h} latin small letter h with breve below 13406 © EGYPTIAN HIEROGLYPH AA002 13407 O EGYPTIAN HIEROGLYPH AA003 13408

→ EGYPTIAN HIEROGLYPH AA004 13409 ♠ EGYPTIAN HIEROGLYPH AA005 1340A MEGYPTIAN HIEROGLYPH AA006 1340B = EGYPTIAN HIEROGLYPH AA007 1340C ► EGYPTIAN HIEROGLYPH AA007A 1340D SEGYPTIAN HIEROGLYPH AA007B 1340E --- EGYPTIAN HIEROGLYPH AA008 1340F - EGYPTIAN HIEROGLYPH AA009 13410 EGYPTIAN HIEROGLYPH AA010 13411 _EGYPTIAN HIEROGLYPH AA011 13412 _ EGYPTIAN HIEROGLYPH AA012 13413 EGYPTIAN HIEROGLYPH AA013 13414 EGYPTIAN HIEROGLYPH AA014 13415 = EGYPTIAN HIEROGLYPH AA015 13416 \subseteq EGYPTIAN HIEROGLYPH AA016 13417 ∠ EGYPTIAN HIEROGLYPH AA017 13418 ₫ EGYPTIAN HIEROGLYPH AA018 13419 ∩ EGYPTIAN HIEROGLYPH AA019 1341A EGYPTIAN HIEROGLYPH AA020 1341B EGYPTIAN HIEROGLYPH AA021 1341C ★ EGYPTIAN HIEROGLYPH AA022 1341D ♥♥ EGYPTIAN HIEROGLYPH AA023 1341E U≕U EGYPTIAN HIEROGLYPH AA024 1341F ♣ EGYPTIAN HIEROGLYPH AA025 13420 | EGYPTIAN HIEROGLYPH AA026 13421 † EGYPTIAN HIEROGLYPH AA027 13422 EGYPTIAN HIEROGLYPH AA028 13423 EGYPTIAN HIEROGLYPH AA029 13424 ∮ EGYPTIAN HIEROGLYPH AA030 13425 § EGYPTIAN HIEROGLYPH AA031 13426 EGYPTIAN HIEROGLYPH AA032

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	0	C2005
A001	544:A1	17:A1								423:A1		1	A1
A002	544:A2	17:A2								423:A2		1	A2
A003	544:A3	17:A3								423:A3		1	А3
A004	544: A4	17:A4								423:A4		1	A4
A005	544: A5	17:A5								423:A5		1	A 5
A005A					2:A5*							1	A5A
A006	544:A6	17:A6								423:A6		1	A6
A006A					2:A6*							1	A6N
A006B						8-4:5:650						1	A6M
A007	544: A7	17:A7								423:A7		1	A7
800A	544: A8	17:A8								423:A8		1	A8
A009	544: A9	17:A9								423:A9		1	A9
A010	544: A10	17:A10								423:A10		1	A10
A011	544:A11	17:A11								423:A11		1	A11
A012	544: A12	17:A12								423: A12		1	A12
A013	544: A13	17:A13								423: A13		1	A13
A014	544: A14	17:A14								424: A14		1	A14
A014A	544: A14*			245:A14*	2:A14*					424: A14a		1	A14A
A015	544: A15	17:A15								424: A15		1	A15
A016	544: A16	17:A16								424:A16		1	A16
A017	544: A17	17:A17								424: A17		1	A17
A017A	544:A17*				2:A17*					424:A17a		1	A17A
A018	544: A18	17:A18								424: A18		1	A18
A019	544: A19	17:A19								424: A19		1	A19
A020	544: A20	17:A20								424:A20		1	A20
A021	544: A21	17:A21								424:A21		1	A21
A022	544: A22	17:A22								424:A22		1	A22
A023	544: A23	17:A23								424:A23		1	A23
A024	544: A24	17:A24								424:A24		1	A24
A025	544: A25	17:A25								424:A25		1	A25
A026	544: A26	17:A26								424: A26		1	A26

Source database for review 2007-04-10

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200
A027	544: A27	17:A27								424:A27		1	A27
A028	544: A28	17:A28								424: A28		1	A28
A029	544: A29	17:A29								424: A29		1	A29
A030	544: A30	17:A30								424:A30		1	A30
A031	544: A31	17:A31								424:A31		1	A31
A032	544: A32	17:A32								424: A32		1	A32
A032A		17:A32*										1	A32A
A033	544: A33	17:A33								424: A33		1	A33
A034	544: A34	17:A34								424: A34		1	A34
A035	544: A35	17:A35								424: A35		1	A35
A036	544: A36	17:A36								424: A36		1	A36
A037	544: A37	17:A37								424: A37		1	A37
A038	544: A38	17:A38								424: A38		1	A38
A039	544: A39	17:A39								424: A39		1	A39
A040	544: A40	17:A40								425: A40		1	A40
A040A					2:C22							1	A40A
A041	544: A41	17:A41								425:A41		1	A41
A042	544: A42	18:142								425:A42		1	A42
A042A				245: A42*	2:A42*							1	
A043	544: A43	18: A43								425:A43		1	A43
A043A					2:C21							1	A43D
A044	544: A44	18: A44								425: A44		1	A44
A045	544: A45	18: A45								425:A45		1	A45
A045A						GITB ref						1	A45B
A046	544: A46	18: A46								425: A46		1	A46
A047	544: A47	18: A47								425:A47		1	A47
A048	544: A48	18: A48								425: A48		1	A48
A049	544: A49	18: A49								425:A49		1	A49
A050	544: A50	18: A50								425: A50		1	A50
A051	544: A51	18:A51								425:A51		1	A51
A052	544: A52	18:A52								425: A52		1	A52
A053	544: A53	18:A53								425: A53		1	A53

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200
A054	544: A54	18:A54								425:A54		1	A54
A055	544: A55	18:A55								425:A55		1	A55
A056		18:A56										1	A56
A057		18:A57										1	A57
A058		18:A58										1	A58
A059			95:A59		2:A59					424:A59		1	A59
A060			95:A60		2:A60							1	A60
A061				245:A61	2:A61							1	A61
A062				245:A62	2:A62							1	A62
A063				245:A63	2:A63							1	A63
A064					2:A64							1	A64
A065					2:A65							1	A469
A066					2:A66							1	A239
A067					2:A67							1	A282
A068					2:A68							1	A199A
A069						GITB ref				423:A68		1	A68
A070						8-1:626:810						1	A73
B001	544:B1	19:B1								425:B1		1	B1
B002	544:B2	19:B2								425:B2		1	B2
B003	544:B3	19:B3								425:B3		1	В3
B004	544:B4	19:B4								425:B4		1	B4
B005	544:B5	19:B5								425:B5		1	B5
B005A						8-4:13:500						1	B106
B006	544:B6	19:B6								425:B6		1	В6
B007	544:B7		95:B7		2:B7					425:B7		1	В7
B008				245:B8	2:B8							1	В8
B009						8-1:690:370						1	B47
C001	544:C1	19:C1								425:C1		1	C1
C002	544:C2	19:C2								425:C2		1	C2
C002A					2:C2*							1	C2A
C002B					2:C2**							1	
C002C	<u> </u>			,	2:C2***							1	<u> </u>

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Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	1C2005
C003	544:C3	19:C3								425:C3		1	С3
C004	544:C4	19:C4								425:C4		1	C4
C005	544:C5	19:C5								425:C5		1	C5
C006	544:C6	19:C6								426:C6		1	C6
C007	544:C7	19:C7								426:C7		1	C7
C008	544:C8	19:C8								426:C8		1	C8
C009	544:C9	19:C9								426:C9		1	С9
C010	544:C10	19:C10								426:C10		1	C10
C010A		19:C10*								426:C10a		1	C10A
C011	544: C11	19:C11					63: AAg655			426:C11		1	C11
C012	544:C12			245:C12	2:C12					426:C12		1	C12
C013				245:C13	2:C13							1	
C014				245:C14	2:C14							1	C14
C015				245:C15	2:C15							1	
C016				245:C16	2:C16							1	C16
C017	544: C17			245:C17	2:C17	,				426:C17		1	C17
C018	544: C18			246:C18	2:C18					426:C18		1	C18
C019	544: C19			246:C19	2:C19					426:C19		1	C19
C020	544: C20			246:C20	2:C20					426:C20		1	C20
C021						8-1:751:278						1	C33
C022						8-1:727:370						1	C49B
C023						GITB ref						1	C165
C024						8-1:753:130						1	C185B
D001	544: D1	20: D1				,				426: D1		1	D1
D002	544: D2	20: D2								426: D2		1	D2
D003	544: D3	20: D3								426: D3		1	D3
D004	544: D4	20: D4								426: D4		1	D4
D005	544: D5	20: D5								426:D5		1	D5
D006	544: D6	20: D6								426: D6		1	D6
D007	544: D7	20: D7						ĺ		426: D7	ĺ	1	D7
D008	544: D8	20: D8								426: D8		1	D8
D008A		20: D8*										1	D8A

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	1C200
D009	544: D9	20: D9								426: D9		1	D9
D010	544: D10	20: D10								426: D10		1	D10
D011	544: D11	20: D11								426: D11		1	D11
D012	544: D12	20: D12								426: D12		1	D12
D013	544: D13	20: D13								426: D13		1	D13
D014	544: D14	20: D14								426: D14		1	D14
D015	544: D15	20: D15								426: D15		1	D15
D016	544: D16	20: D16								426: D16		1	D16
D017	544: D17	20: D17								426: D17		1	D17
D018	544: D18	20: D18								426: D18		1	D18
D019	544: D19	20: D19								426: D19		1	D19
D020	544: D20	20: D20								426: D20		1	D20
D021	544: D21	20: D21								427: D21		1	D21
D022	544: D22	20: D22								427: D22		1	D22
D023	544: D23	20: D23								427: D23		1	D23
D024	544: D24	20: D24								427: D24		1	D24
D025	544: D25	20: D25								427: D25		1	D25
D026	544: D26	20: D26								427: D26		1	D26
D027	544: D27	20: D27								427: D27		1	D27
D027A	544: D27*	20: D27*								427: D27a		1	D27A
D028	544: D28	20: D28								427: D28		1	D28
D029	544: D29	20: D29								427: D29		1	D29
D030	544: D30	20: D30								427: D30		1	D30
D031	544: D31	20: D31								427: D31		1	D31
D031A					3:D31*							1	D31A
D032	544: D32	20: D32								427: D32		1	D32
D033	544: D33	20: D33								427: D33		1	D33
D034	544: D34	20: D34								427: D34		1	D34
D034A	544: D34*	20: D34*								427: D34a		1	D34A
D035	544: D35	20: D35								427: D35		1	D35
D036	544: D36	20: D36								427: D36		1	D36
D037	544: D37	20: D37			ĺ					427: D37		1	D37

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amd	C2005
D038	544: D38	20: D38								427: D38		1	D38
D039	544: D39	20: D39								427: D39		1	D39
D040	544: D40	20: D40								427: D40		1	D40
D041	544: D41	20: D41								427: D41		1	D41
D042	544: D42	20: D42								427: D42		1	D42
D043	544: D43	20: D43								427: D43		1	D43
D044	544: D44	20: D44								427: D44		1	D44
D045	544: D45	20: D45								427: D45		1	D45
D046	544: D46	20: D46								427: D46		1	D46
D046A	544: D46*	20: D46*								427: D46a		1	D46A
D047		20: D47								427: D47		1	D47
D048	544: D48	21:D48								427: D48		1	D48
D048A					3:D48*							1	D48A
D049	544: D49	21:D49								427: D49		1	D49
D050	544: D50	21:D50					63:AAe650	59: AAe650		427: D50		1	D50
D050A	199: 20000						63:AAe651	59: AAe651				1	
D050B							63: AAe652	59: AAe652				1	
D050C							63:AAe653	59: AAe653				1	
D050D	191:50000							59: AAe653B		97:50000		1	

59: AAe653C

59: AAe653D

59: AAe653E

59: AAe653F

59: AAe653B

191:50000

21:D51

21:D52

21:D53

21:D54

21:D55

21:D56

95:Ff3

544: D51

544: D52

544: D53

544: D54

544: D55

544: D56

D050E

D050F

D050G

D050H

D050I

D051

D052

D052A

D053

D054

D054A

D055

D056

Source database for review

3:D52*

246: D52*

2007-04-10

97:50000

428: D51

428: D52

428: D53

428: D54

428: D55

428: D56

1

1

1

1

1

1

1

1

1

1

1

D51

D52

S125

D53

D54

D55

D56

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	IC2005
D057	544: D57	21:D57								428: D57		1	D57
D058	544: D58	21:D58								428: D58		1	D58
D059	544: D59	21:D59								428: D59		1	D59
D060	544: D60	21:D60								428:D60		1	D60
D061	544: D61	21:D61								428: D61		1	D61
D062	544: D62	21:D63								428: D62		1	D62
D063	544: D63	21:D63								428:D63		1	D63
D064					3: D64							1	D271
D065					3:D65							1	D132
D066					3:D66							1	D66
D067	199:1						66: DDc695		63: DDc695			1	
D067A	199:2							62: DDc696	63: DDc696			1	
D067B	199:3						66: DDc697b	62: DDc697	63: DDc697			1	
D067C										102:4		1	
D067D							66: DDc699			102:5		1	
D067E	192:6						66: DDc700			102:6		1	
D067F	198:7						66: DDc701					1	
D067G	198:8						66: DDc702			102:8		1	
D067H										102:9		1	
E001	544: E1	22:E1								428:E1		1	E1
E002	544: E2	22:E2								428:E2		1	E2
E003	544:E3	22:E3								428:E3		1	E3
E004	544: E4	22:E4								428:E4		1	E4
E005	544:E5	22:E5								428:E5		1	E5
E006	544:E6	22:E6								428:E6		1	E6
E007	544: E7	22:E7								428:E7		1	E7
E008	544: E8	22:E8								428:E8		1	E8
E008A	544: E8*			246:E8*	3:E8*					428:E8a		1	E8A
E009	544: E9	22:E9								428:E9		1	E9
E009A					3:E9*							1	E100
E010	544: E10	22:E10								428:E10		1	E10
E011	544: E11	22:E11				ĺ				428: E11		1	E11

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
E012	544:E12	22:E12								428:E12		1	E12
E013	544: E13	22:E13								428: E13		1	E13
E014	544: E14	22:E14								429: E14		1	E14
E015	544: E15	22:E15								429:E15		1	E15
E016	544: E16	22:E16								429:E16		1	E16
E016A					3:E16*							1	E16C
E017	544: E17	22:E17								429:E17		1	E17
E017A						8-2:134:610						1	E141
E018	544:E18	22:E18								429:E18		1	E18
E019	544: E19	22:E19								429:E19		1	E19
E020	544: E20	22:E20								429: E20		1	E20
E020A		22:E20*										1	E20B
E021	544: E21	22:E21								429:E21		1	E21
E022	544: E22	22:E22			ĺ					429: E22		1	E22
E023	544: E23	22:E23								429: E23		1	E23
E024	544: E24	22:E24								429: E24		1	E24
E025	544: E25	22:E25								429: E25		1	E25
E026	544: E26	22:E26								429: E26		1	E26
E027	544: E27	22:E27								429: E27		1	E27
E028	544: E28	22:E28								429: E28		1	E28
E028A		22:E28*			ĺ							1	E28A
E029	544: E29	22:E29								429: E29		1	E29
E030	544: E30	22:E30								429:E30		1	E30
E031	544: E31	22:E31								429:E31		1	E31
E032	544: E32	22:E32								429:E32		1	E32
E033	544: E33	22:E33								429:E33		1	E33
E034	544: E34	22:E34								429: E34		1	E34
E034A		22:E34*										1	
E035		22:E35			7: NnU15							1	E34B
E036	,				3:E36							1	E35
E037					3:E37							1	E45
E038				-	3:E38							1	E92

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200!
F001	544:F1	23:F1								429:F1		1	F1
F001A				246:F1*	3:F1*					429:F63		1	F1B
F002	544:F2	23:F2								429:F2		1	F2
F003	544:F3	23:F3								429:F3		1	F3
F004	544:F4	23:F4								429:F4		1	F4
F005	544:F5	23:F5								429:F5		1	F5
F006	544:F6	23:F6								429:F6		1	F6
F007	544:F7	23:F7								429:F7		1	F7
F008	544:F8	23:F8								429:F8		1	F8
F009	544:F9	23:F9								429:F9		1	F9
F010	544:F10	23:F10								429:F10		1	F10
F011	544:F11	23:F11								429:F11		1	F11
F012	544:F12	23:F12								429:F12		1	F12
F013	544:F13	23:F13								429:F13		1	F13
F013A		23:F13*										1	F13B
F014	544:F14	23:F14								430:F14		1	F14
F015	544:F15	23:F15								430:F15		1	F15
F016	544:F16	23:F16								430:F16		1	F16
F017	544:F17	23:F17								430:F17		1	F17
F018	544:F18	23:F18								430:F18		1	F18
F019	544:F19	23:F19								430:F19		1	F19
F020	544:F20	23:F20								430:F20		1	F20
F021	544:F21	23:F21								430:F21		1	F21
F021A			95: Ff4									1	
F022	544:F22	23:F22								430:F22		1	F22
F023	544:F23	23:F23								430:F23		1	F23
F024	544:F24	23:F24								430:F24		1	F24
F025	544:F25	23:F25								430:F25		1	F25
F026	544:F26	23:F26								430:F26		1	F26
F027	544:F27	23:F27								430:F27		1	F27
F028	544:F28	23:F28								430:F28		1	F28
F029	544:F29	23:F29				ĺ				430:F29		1	F29

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Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C2005
F030	544:F30	23:F30								430:F30		1	F30
F031	544:F31	23:F31								430:F31		1	F31
F031A					3:F31							1	F31A
F032	544:F32	23:F32								430:F32		1	F32
F033	544:F33	23:F33								430:F33		1	F33
F034	544:F34	23:F34								430:F34		1	F34
F035	544:F35	23:F35								430:F35		1	F35
F036	544:F36	23:F36								430:F36		1	F36
F037	544:F37	23:F37								430:F37		1	F37
F037A					6: Ff9					430:F37b		1	F37B
F038	544:F38	23:F38								430:F38		1	F38
F038A		23:F38*										1	F38C
F039	544:F39	23:F39								430:F39		1	F39
F040	544:F40	23:F40								430:F40		1	F40
F041	544:F41	23:F41								430:F41		1	F41
F042	544:F42	23:F42								430:F42		1	F42
F043	544:F43	23:F43								430:F43		1	F43
F044	544:F44	23:F44								430:F44		1	F44
F045	544:F45	23:F45								430:F45		1	F45
F045A		38:U31(v)										1	U31V
F046	544:F46	23:F46								430:F46		1	F46
F046A	466: (F46)											1	F46A
F047	544:F47	24:F47								430:F47		1	F47
F047A	466: (F47)											1	F47A
F048	544:F48	24:F48								430:F48		1	F48
F049	544:F49	24:F49								430:F49		1	F49
F050	544:F50	24:F50								430:F50		1	F50
F051	544:F51	24:F51								431:F51		1	F51
F051A		24:F51*										1	F51G
F051B		24:F51**										1	F51GV
F051C	467:F51n4									431:F51(a)		1	F51A
F052	544:F52	24:F52								431:F52		1	F52

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
F053						8-1:797:520						1	F59
G001	545:G1	25:G1								431:G1		1	G1
G002	545:G2	25:G2								431:G2		1	G2
G003	545:G3	25:G3								431:G3		1	G3
G004	545:G4	25:G4								431:G4		1	G4
G005	545:G5	25:G5								431:G5		1	G5
G006	545:G6	25:G6								431:G6		1	G6
G006A		25:G6*										1	G6A
G007	545: G7	25:G7								431:G7		1	G7
G007A	545:G7*			246:G7*	3:G7*					431:G7a		1	G7A
G007B	545:G7**			246:G7**	3:G7**					431:G7b		1	G7B
G008	545:G8	25:G8								431:G8		1	G8
G009	545: G9	25:G9								431:G9		1	G9
G010	545: G10	25:G10								431:G10		1	G10
G011	545: G11	25:G11								431:G11		1	G11
G011A				246:G11*	3:G11*							1	G11A
G012	545: G12	25:G12								431:G12		1	G12
G013	545: G13	25:G13								431:G13		1	G13
G014	545: G14	25:G14								431:G14		1	G14
G015	545: G15	25:G15								431:G15		1	G15
G016	545: G16	25:G16								431:G16		1	G16
G017	545: G17	25:G17								431:G17		1	G17
G018	545: G18	25:G18								431:G18		1	G18
G019	545: G19	25:G19								431:G19		1	G19
G020	545: G20	25:G20								431:G20		1	G20
G020A					3:G20*							1	G90
G021	545:G21	25:G21								431:G21		1	G21
G022	545: G22	25:G22								431:G22		1	G22
G023	545: G23	25:G23								431:G23		1	G23
G024	545: G24	25:G24								431:G24		1	G24
G025	545: G25	25:G25								431:G25		1	G25
G026	545:G26	25:G26								432:G26		1	G26

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200
G026A	545: G26*				3:G26*					432:G26a		1	G26A
G027	545: G27	25:G27								432: G27		1	G27
G028	545: G28	25:G28								432: G28		1	G28
G029	545: G29	25:G29								432: G29		1	G29
G030	545: G30	25:G30								432: G30		1	G30
G031	545: G31	25:G31								432: G31		1	G31
G032	545: G32	25:G32								432: G32		1	G32
G033	545: G33	25:G33								432: G33		1	G33
G034	545: G34	25:G34								432:G34		1	G34
G035	545: G35	25:G35								432:G35		1	G35
G036	545: G36	25:G36								432:G36		1	G36
G036A		25:G36*										1	G36A
G037	545: G37	25:G37								432:G37		1	G37
G037A		25:G37*										1	G37A
G038	545: G38	25:G38								432:G38		1	G38
G039	545: G39	25:G39								432:G39		1	G39
G040	545: G40	25:G40								432:G40		1	G40
G041	545: G41	26:G41								432:G41		1	G41
G042	545: G42	26:G42								432:G42		1	G42
G043	545: G43	26:G43								432:G43		1	G43
G043A		26:G43*										1	
G044	545: G44	26:G44								432:G44		1	G44
G045	545: G45	26:G45								432:G45		1	G45
G045A					3:G45*							1	G45A
G046	545: G46	26:G46								432:G46		1	G46
G047	545: G47	26:G47								432:G47		1	G47
G048	545: G48	26:G48								432:G48		1	G48
G049	545: G49	26:G49								432:G49		1	G49
G050	545: G50	26:G50								432:G50		1	G50
G051	545: G51	26:G51								432:G51		1	G51
G052	545: G52	26:G52								432:G52		1	G52
G053	545:G53	26:G53								432:G53		1	G53

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200
G054	545: G54	26:G54								432:G54		1	G54
H001	545:H1	27:H1								433:H1		1	H1
H002	545:H2	27:H2								433:H2		1	H2
H003	545:H3	27:H3								433:H3		1	Н3
H004	545: H4	27:H4								433:H4		1	H4
H005	545:H5	27:H5								433:H5		1	H5
H006	545:H6	27:H6								433:H6		1	H6
H006A	545:H6*		95:Ff5		3:H6*					433:H6a		1	H6A
H007	545:H7	27:H7								433:H7		1	H7
H008	545:H8	27:H8								433:H8		1	Н8
1001	545:11	27:11								433:11		1	I1
1002	545:12	27:12								433:12		1	12
1003	545:13	27:13								433:13		1	13
1004	545:14	27:14								433:14		1	14
1005	545:15	27:15								433:15		1	15
1005A	545:15A		95:15*		4:15*					433:15a		1	I5A
1006	545:16	27:16								433:16		1	16
1007	545:17	27:17								433:17		1	17
1008	545:18	27:18					63: AAf654	59: AAf654		433:18		1	18
1009	545:19	27:19								433:19		1	19
1009A					4:19*							1	124
1010	545:110	27:110								433:110		1	I10
I010A					4:I10*							1	131
1011	545:111	27:111								433:111		1	I11
I011A		27:111*										1	I11A
1012	545:112	27:112								433:112		1	I12
1013	545:113	27:113								433:113		1	I13
1014	545:114	27:114								433:114		1	114
I015	545:115	27:115								433:115		1	I15
K001	545: K1	28:K1								433:K1		1	K1
K002	545:K2	28:K2								433:K2		1	K2
K003	545: K3	28: K3								433:K3		1	К3

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	1C200
K004	545: K4	28:K4								434:K4		1	K4
K005	545: K5	28:K5								434:K5		1	K5
K006	545: K6	28:K6								434:K6		1	K6
K007	545: K7	28:K7								434:K7		1	K7
K008					4:K8							1	K13
L001	545:L1	28:L1								434:L1		1	L1
L002	545:L2	28:L2								434:L2		1	L2
L002A		28:L2*										1	L2A
L003	477:L3	28:L3										1	L3U
L004	545:L4	28:L4								434:L4		1	L4
L005	545:L5	28:L5								434:L5		1	L5
L006	545:L6	28:L6								434:L6		1	L6
L006A		28:L6*										1	L6A
L007	545:L7	28:L7								434:L7		1	L7
L008						8-1:221:400						1	L35
M001	545:M1	29:M1								434:M1		1	M1
M001A		29:M1*								434:M1a		1	M1A
M001B					4:M1**							1	M1E
M002	545:M2	29:M2								434:M2		1	M2
M003	545:M3	29:M3								434:M3		1	М3
M003A					4:M3*							1	M3G
M004	545:M4	29:M4								434:M4		1	M4
M005	545:M5	29:M5								434:M5		1	M5
M006	545:M6	29:M6								434:M6		1	M6
M007	545:M7	29:M7								434:M7		1	M7
M008	545:M8	29:M8								434:M8		1	M8
M009	545:M9	29:M9								434:M9		1	M9
M010	545:M10	29:M10								434:M10		1	M10
M010A		29:M10*			T'					<u> </u>		1	M10A
M011	545:M11	29:M11					,			434:M11		1	M11
M012	545:M12	29:M12					62: AAd641	58: AAd641		434:M12		1	M12
M012A	191:2000						62: AAd642	58: AAd642	61: AAd641	97:2000		1	

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C2005
M012B							62:AAd643	58: AAd643	61: AAd642	97:3000		1	
M012C							62:AAd644	58: AAd644				1	
M012D							62: AAd645	58: AAd645				1	
M012E							62: AAd646	58: AAd646				1	
M012F							62: AAd647	58: AAd647				1	
M012G							62: AAd648	58: AAd648				1	
M012H							62:AAd649	58: AAd649				1	
M013	545:M13	29:M13								434:M13		1	M13
M014	545:M14	29:M14								434:M14		1	M14
M015	545:M15	29:M15								435:M15		1	M15
M015A						8-1:750:190						1	M139
M016	545:M16	29:M16								435:M16		1	M16
M016A				246:M16*	4:M16*							1	M139
M017	545:M17	29:M17								435:M17		1	M17
M017A	481: y									435: y		1	M17A
M018	545:M18	29:M18								435:M18		1	M18
M019	545:M19	29:M19								435:M19		1	M19
M020	545:M20	29:M20								435:M20		1	M20
M021	545:M21	29:M21								435:M21		1	M21
M022	545:M22	29:M22								435:M22		1	M22
M022A	482: (M22)									435:nn		1	M22A
M023	545:M23	29:M23								435:M23		1	M23
M024	545:M24	29:M24								435:M24		1	M24
M024A				246:M24*	4:M24*							1	M24B
M025	545:M25	29:M25								435:M25		1	M25
M026	545:M26	29:M26								435:M26		1	M26
M027	545:M27	29:M27								435:M27		1	M27
M028	545:M28	29:M28								435:M28		1	M28
M028A				246:M28*	4:M28*							1	M140
M029	545:M29	29:M29								435:M29		1	M29
M030	545:M30	29:M30								435:M30		1	M30
M031	545:M31	29:M31								435:M31		1	M31

Source database for review

2007-04-10

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Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C2005
M031A				246:M31*	4:M31*							1	M31D
M032	545: M32	29:M32								435:M32		1	M32
M033	545: M33	29:M33								435:M33		1	M33
M033A		29:M33*								435:M33(a)		1	МЗЗА
M033B	483: M33(b)											1	
M034	545: M34	29:M34								435:M34		1	M34
M035	545: M35	29:M35								435:M35		1	M35
M036	545: M36	29:M36								435:M36		1	M36
M037	545: M37	29:M37								435:M37		1	M37
M038	545: M38	29:M38								435:M38		1	M38
M039	545:M39	29:M39								435:M39		1	M39
M040	545: M40	29:M40								435:M40		1	M40
MO40A		30:M40*										1	M40D
M041	545: M41	30:M41								435:M41		1	M41
M042	545: M42	30:M42								435:M42		1	M42
M043	545: M43	30:M43								435:M43		1	M43
M044	545: M44	30:M44								435:M044		1	M44
N001	545: N1	31:N1								436: N1		1	N1
N002	545: N2	31:N2								436: N2		1	N2
N003	545: N3	31:N3								436: N3		1	N3
N004	545: N4	31:N4								436:N4		1	N4
N005	545: N5	31:N5								436:N5		1	N5
N006	545: N6	31:N6								436:N6		1	N6
N007	545: N7	31:N7								436:N7		1	N7
N008	545: N8	31:N8								436:N8		1	N8
N009	545: N9	31:N9								436: N9		1	N9
N010	545: N10	31:N10								436: N10		1	N10
N011	545: N11	31:N11								436: N11		1	N11
N012	545: N12	31:N12								436:N12	ĺ	1	N12
N013	545: N13	31:N13								436:N13	ĺ	1	N13
N014	545: N14	31:N14								436:N14	ĺ	1	N14
N015	545: N15	31:N15								436: N15		1	N15

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200!
N016	545: N16	31:N16								436: N16		1	N16
N017	545:N17	31:N17								436: N17		1	N17
N018	545:N18	31:N18								436: N18		1	N18
N018A					4:N18*							1	N102
N018B					4:N18**							1	N18B
N019	545:N19	31:N19								436: N19		1	N19
N020	545: N20	31: N20								436: N20		1	N20
N021	545: N21	31:N21								436: N21		1	N21
N022	545: N22	31: N22								436: N22		1	N22
N023	545: N23	31:N23								436: N23		1	N23
N024	545: N24	31: N24								436: N24		1	N24
N025	545: N25	31: N25								436: N25		1	N25
N025A		31:N25*										1	N25A
N026	545: N26	31: N26								437: N26		1	N26
N027	545: N27	31:N27								437: N27		1	N27
N028	545: N28	31: N28								437: N28		1	N28
N029	545: N29	31: N29								437: N29		1	N29
N030	545: N30	31:N30								437: N30		1	N30
N031	545: N31	31:N31								437:N31		1	N31
N032	554: N32	31:N32								437: N32		1	N32
N033	545: N33	31:N33								437: N33		1	N33
N033A	547: (N33)	31:N33*								437:33a		1	N33A
N034	545: N34	31:N34								437: N34		1	N34
N034A				246: N34*	4:N34*							1	
N035	545: N35	31:N35								437: N35		1	N35
N035A	545: (N35)									437: N35A		1	N35A
N036	545: N36	31:N36								437: N36		1	N36
N037	545: N37	31:N37								437: N37		1	N37
N037A					4:N37*					437: N37a		1	N37A
N038	545: N38	31:N38								437: N38	_i	1	N38
N039	545: N39	31: N39								437: N39		1	N39
N040	545: N40	31: N40		Ť						437: N40		1	N40

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200!
N041	545: N41	31:N41								437:N41		1	N41
N042	545: N42	31:N42								437:N42		1	N42
NL001					7: NnL1							1	NL1
NL002					7: NnL2							1	NL2
NL003					7: NnL3							1	NL3
NL004					7: NnL4							1	NL4
NL005					7: NnL5							1	NL5
NL005A					7: NnL5*							1	NL5A
NL006					7: NnL6							1	NL6
NL007					7: NnL7							1	NL7
NL008					7: NnL8							1	NL8
NL009					7: NnL9							1	NL9
NL010					7: NnL10							1	NL10
NLO11					7: NnL11							1	NL11
NL012					7: NnL12							1	NL12
NL013					7:NnL13							1	NL13
NLO14					7: NnL14							1	NL14
NL015					7: NnL15							1	NL15
NL016					7: NnL16							1	NL16
NLO17					7: NnL17							1	NL17
NL017A					7: NnL17*							1	NL17A
NL018					7:NnL18							1	NL18
NL019					7: NnL19							1	NL19
NL020					7: NnL20							1	NL20
NU001					7: NnU1							1	NU1
NU002					7: NnU2							1	NU2
NU003					7: NnU3							1	NU3
NU004					7: NnU4							1	NU4
NU005					7: NnU5							1	NU5
NU006					7: NnU6							1	NU6
NU007				,	7: NnU7					,		1	NU7
NU008					7: NnU8							1	NU8

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200!
NU009					7: NnU9							1	NU9
NU010					7: NnU10							1	NU10
NU010A					7: NnU10*							1	NU10
NU011					7: NnU11							1	NU11
NU011A					7: NnU11*							1	NU11
NU012					7: NnU12							1	NU12
NU013					7: NnU13							1	NU13
NU014					7: NnU14							1	NU14
NU015					7: NnU15							1	NU15
NU016					7: NnU16							1	NU16
NU017					8: NnU17							1	NU17
NU018					8: NnU18							1	NU18
NU018A					8: NnU18*							1	NU18
NU019					8: NnU19							1	NU19
NU020					8: NnU20							1	NU20
NU021					8: NnU21							1	NU21
NU022					8: NnU22							1	NU22
NU022A					8: NnU22*							1	NU22
0001	545:O1	32:01								437:O1		1	01
O001A					4:01*							1	054
0002	545:O2	32:02								437:02		1	02
O003	545:O3	32:03								437:O3		1	О3
O004	545: O4	32:04								437:04		1	04
0005	545:O5	32:05								437:O5		1	05
O005A		32:05*										1	O5U
0006	545:O6	32:06								437:06		1	06
O006A	72: serekh									64: serekh		1	
O006B												1	
O006C												1	
O006D												1	
O006E												1	
O006F												1	

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C2005
0007	545: O7	32:07								437:07		1	07
0008	545: O8	32:08								437:O8		1	08
0009	545: O9	32:09								437:09		1	09
0010	545: O10	32:010								437:010		1	010
O010A					4:010*							1	O10A
O010B						8-1:755:460						1	O10B
O010C						GITB ref						1	O18F
0011	545: O11	32:011								437:011		1	011
0012	545: O12	32:012								437:012		1	012
0013	545: O13	32:013								438:013		1	013
0014	545: O14	32:014								438:014		1	014
0015	545: O15	32:015								438:015		1	015
0016	545: O16	32:016								438:016		1	016
0017	545: O17	32:017								438:017		1	017
0018	545: O18	32:018								438:O18		1	018
0019	545: O19	32:019								438:019		1	019
O019A					4:019*							1	O19A
0020	545: O20	32:020								438:O20		1	020
O020A		32:020*										1	O20A
0021	545:O21	32:021								438:O21		1	021
0022	545: O22	32:022								438:022		1	022
0023	545: O23	32:023								438:O23		1	023
0024	545:O24	32:024								438:O24		1	024
O024A				246:024*	4:024*							1	O24B
O025	545: O25	32:025								438:O25		1	025
O025A				246:025*	4:025*							1	0190
0026	545:O26	32:026								438:O26		1	026
0027	545:O27	32:027								438:027		1	027
0028	545: O28	32:028								438:O28		1	028
0029	545: O29	32:029								438:029		1	029
O029A	496: O29(a)	32:029(a)								438: O29(v)		1	029V
0030	545: O30	32:030								438:030		1	030

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Ame	d C200!
O030A		32:030*										1	O30A
0031	545:O31	32:031								438:O31		1	031
0032	545:O32	32:032								438:O32		1	032
O033	545:O33	32:033								438:O33		1	O33
O033A	72: serekh									64:serekh		1	
O034	545:O34	32:034								438:O34		1	O34
O035	545:O35	32:035								438:O35		1	O35
0036	545:O36	32:036								438:O36		1	036
O036A												1	
O036B												1	
O036C												1	
O036D												1	
0037	545:O37	32:037								438:O37		1	037
O038	545: O38	32:038								438:O38		1	O38
0039	545:O39	32:039								438:O39		1	039
O040	545: O40	32:040			ĺ					438:O40		1	040
O041	545: O41	32:041								438:O41		1	041
0042	545: O42	32:042								438:O42		1	042
O043	545: O43	33:043								438:O43		1	O43
0044	545: O44	33:044								438:O44		1	044
O045	545: O45	33:045								439:045		1	045
0046	545: O46	33:046								439:046		1	046
0047	545: O47	33:047								439:047		1	047
O048	545: O48	33:048			ĺ					439:048		1	048
O049	545: O49	33:049								439:049		1	049
O050	545:O50	33:050								439:050		1	O50
O050A					6: Ff8							1	
O050B					6:Ff8*							1	
0051	545:O51	33:051								439:O51		1	051
P001	546:P1	34:P1								439:P1		1	P1
P001A	546: (P1)	_i								439:P1a		1	P1A
P002	546:P2	34:P2								439:P2	,	1	P2

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200
P003	546: P3	34:P3								439:P3		1	P3
P003A		34:P3*								439:P3a		1	P3B
P004	546: P4	34:P4								439:P4		1	P4
P005	546: P5	34:P5								439:P5		1	P5
P006	546:P6	34:P6								439:P6		1	P6
P007	546: P7	34:P7								439:P7		1	P7
P008	546: P8	34:P8								439:P8		1	P8
P009	546: P9	34:P9								439:P9		1	P9
P010	546: P10	34:P10								439:P10		1	P10
P011	546: P11	34:P11								439:P11		1	P11
Q001	546: Q1	34:Q1								439:Q1		1	Q1
Q002	546: Q2	34:Q2								439:Q2		1	Q2
Q003	546: Q3	34:Q3								439:Q3		1	Q3
Q004	546: Q4	34:Q4								439:Q4		1	Q4
Q005	546: Q5	34:Q5								439:Q5		1	Q5
Q006	546: Q6	34:Q6								439:Q6		1	Q6
Q007	546: Q7	34:Q7								439:Q7		1	Q7
R001	546: R1	35:R1								440: R1		1	R1
R002	546: R2	35:R2								440: R2		1	R2
R002A					5:R2*					440: R36a		1	R2C
R003	546: R3	35:R3								440:R3		1	R3
R003A					5:R3*							1	R3P
R003B					5:R3**							1	R3PA
R004	546: R4	35:R4								440: R4		1	R4
R005	546: R5	35:R5								440: R5		1	R5
R006	546: R6	35:R6								440: R6		1	R6
R007	546: R7	35:R7								440: R7		1	R7
R008	546: R8	35:R8			ĺ					440: R8		1	R8
R009	546: R9	35:R9								440: R9		1	R9
R010	546: R10	35:R10								440: R10		1	R10
R010A		35:R10*								440: R50		1	R10I
R011	546: R11	35:R11								440: R11		1	R11

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Ame	d C200!
R012	546:R12	35:R12								440:R12		1	R12
R013	546: R13	35:R13								440:R13		1	R13
R014	546: R14	35:R14								440:R14		1	R14
R015	546: R15	35:R15								440:R15		1	R15
R016	546: R16	35:R16								440:R16		1	R16
R016A				246:R16*	5:R16*							1	R16B
R017	546: R17	35:R17								440: R17		1	R17
R018	546: R18	35:R18								440: R18		1	R18
R019	546: R19	35:R19								440: R19		1	R19
R020	546: R20	35:R20								440: R20		1	R20
R021	546: R21	35:R21								440: R21		1	R21
R022	546: R22	35:R22								440: R22		1	R22
R023	546: R23	35:R23								440: R23		1	R23
R024	546: R24	35:R24								440: R24		1	R24
R025	546: R25	35:R25								440: R25		1	R25
R026				246: R26	5:R26							1	R26
R027					5:R27							1	R133
R028					5:R28							1	R129
R029					5:R29							1	0196
S001	546: S1	36:S1								440:S1		1	S1
S002	546: S2	36:S2								440:S2		1	S2
S002A					5:S2*							1	S56
S003	546: S3	36:S3								440:S3		1	S3
S004	546: S4	36:S4								440:S4		1	S4
S005	546: S5	36:S5								440:S5		1	S5
S006	546: S6	36:S6								440:S6		1	S6
S006A					5:S6*							1	S48
S007	546: S7	36:S7								441:S7		1	S7
S008	546: S8	36:S8								441:S8		1	S8
S009	546: S9	36:S9								441:S9		1	S9
S010	546: S10	36:S10								441:S10		1	S10
S011	546: S11	36:S11		_						441:S11		1	S11

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200
S012	546: S12	36:S12								441:S12		1	S12
S013	546: S13	36:S13								441:S13		1	S13
S014	546: S14	36:S14								441:S14		1	S14
S014A	546: S14*				5:S14*					441:S14A		1	S14A
S014B					5:S14**							1	S14D
S015	546: S15	36:S15								441:S15		1	S15
S016	546: S16	36:S16								441:S16		1	S16
S017	546: S17	36:S17								441:S17		1	S17
S017A	546: S17*				5:S17*					441:S17A		1	S17A
S018	546: S18	36:S18								441:S18		1	S18
S019	546: S19	36:S19								441:S19		1	S19
S020	546: S20	36:S20								441:S20		1	S20
S021	546: S21	36:S21								441:S21		1	S21
S022	546: S22	36:S22								441:S22		1	S22
S023	546: S23	36:S23								441:S23		1	S23
S024	546: S24	36:S24								441:S24		1	S24
S025	546: S25	36:S25								441:S25		1	S25
S026	546: S26	36:S26								441:S26		1	S26
S027	546: S27	36:S27								441:S27		1	S27
S028	546: S28	36:S28								441:S28		1	S28
S029	546: S29	36:S29								441:S29		1	S29
S030	546: S30	36:S30								441:S30		1	S30
S031	546: S31	36:S31								441:S31		1	S31
S032	546: S32	36:S32								441:S32		1	S32
S033	546: S33	36:S33								441:S33		1	S33
S034	546: S34	36:S34								441:S34		1	S34
S035	546: S35	36:S35								442:S35		1	S35
S035A		36:S35*			ĺ							1	S35A
S036	546: S36	36:S36			T T					442:S36		1	S36
S037	546: S37	36:S37								442:S37		1	S37
S038	546: S38	36:S38								442:S38		1	S38
S039	546: S39	36:S39				_				442:S39		1	S39

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
S040	546: S40	36:S40								442:S40		1	S40
S041	546: S41	36:S41								442:S41		1	S41
S042	546: S42	36:S42								442:S42		1	S42
S043	546: S43	36:S43								442:S43		1	S43
S044	546: S44	35:S44								442:S44		1	S44
S045	546: S45	36:S45								442:S45		1	S45
S046					5:S46							1	S50
T001	546: T1									442:T1		1	T1
T002	546: T2									442:T2		1	T2
T003	546: T3									442:T3		1	Т3
T003A					5:T3*							1	T43
T004	546: T4									442:T4		1	T4
T005	546: T5									442:T5		1	T5
T006	546: T6									442:T6		1	T6
T007	546: T7									442:T7		1	T7
T007A	546: T7*				5:T7*					442:T7A		1	T7A
T008	546: T8									442:T8		1	T8
A800T	546: T8*				5:T8*					442:T8A		1	T8A
T009	546: T9									442:T9		1	T9
T009A	546: T9*				5:T9*					442:T9A		1	T9A
T010	546: T10									442:T10		1	T10
T011	546: T11									442:T11		1	T11
T011A						8-2:065:700						1	T60
T012	546: T12									442:T12		1	T12
T013	546: T13									442:T13		1	T13
T014	546: T14									443:T14		1	T14
T015	546: T15									443:T15		1	T15
T016	546: T16									443:T16		1	T16
T016A				246:T16*	5:T36							1	T16A
T017	546: T17									443:T17		1	T17
T018	546:T18									443:T18		1	T18
T019	546: T19	ĺ								443:T19		1	T19

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amd	C2005
T020	546: T20									443:T20		1	T20
T021	546: T21									443:T21		1	T21
T022	546: T22									443:T22		1	T22
T023	546: T23									443:T23		1	T23
T024	546: T24									443:T24		1	T24
T025	546: T25									443:T25		1	T25
T026	546: T26									443:T26		1	T26
T027	546: T27									443:T27		1	T27
T028	546: T28									443:T28		1	T28
T029	546: T29									443:T29		1	T29
T030	546: T30									443:T30		1	T30
T031	546: T31									443:T31		1	T31
T032	546: T32									443:T32		1	T32
T032A					5:T32*							1	T32B
T033	546: T33									443:T33		1	T33
T033A					5:T33*							1	T33B
T034	546: T34									443:T34		1	T34
T035	546: T35									443:T35		1	T35

T036

U001

U002

U003

U004

U005

U006

U006A

U006B

U007

U008

U009

U010

U011

546:U1

546: U2

546: U3

546: U4

546:U5

546:U6

546: U7

546: U8

546: U9

546: U10

546: U11

38:U1

38:U2

38:U3

38:U4

38:U5

38:U6

38:U7

38:U8

38:U9

38:U10

38:U11

Source database for review

247:T36

5:T37

5:U6*

5:U6**

2007-04-10

443:U1

443:U2

443:U3

443:U4

443:U5

443:U6

443:U7

443:U8

443:U9

443:U10

443:U11

1

1 U1

1

1 U3

1 U4

1 U5

1 U6

1

1 1 U8

1 U9

1

1 U11

T141

U2

U6A

U6B

U7

U10

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C2005
U012	546: U12	38:U12								443:U12		1	U12
U013	546: U13	38:U13								443:U13		1	U13
U014	546: U14	38:U14								443:U14		1	U14
U015	546: U15	38:U15								443:U15		1	U15
U016	546: U16	38:U16								444:U16		1	U16
U017	546: U17	38:U17								444:U17		1	U17
U018	546: U18	38:U18								444:U18		1	U18
U019	546: U19	38:U19								444:U19		1	U19
U020	546: U20	38:U20								444:U20		1	U20
U021	546: U21	38:U21								444:U21		1	U21
U022	546: U22	38:U22								444:U22		1	U22
U023	546: U23	38:U23								444:U23		1	U23
U023A				247:U23*	5:U23*							1	U23F
U024	546: U24	38:U24								444:U24		1	U24
U025	546: U25	38:U25								444:U25		1	U25
U026	546: U26	38:U26								444:U26		1	U26
U027	546: U27	38:U27								444:U27		1	U27
U028	546: U28	38:U28								444:U28		1	U28
U029	546: U29	38:U29								444:U29		1	U29
U029A					5:U29*							1	U29A
U030	546: U30	38:U30								444:U30		1	U30
U031	546: U31	38:U31								444:U31		1	U31
U032	546: U32	38:U32								444:U32		1	U32
U032A				247:Ff7								1	
U033	546: U33	38:U33								444:U33		1	U33
U034	546: U34	38:U34								444:U34		1	U34
U035	546: U35	38:U35								444:U35		1	U35
U036	546: U36	38:U36								444:U36		1	U36
U037	546: U37	38:U37								444:U37		1	U37
U038	546: U38	38:U38								444:U38		1	U38
U039	546: U39	38:U39								444:U39		1	U39
U040	546: U40	38:U40								444:U40		1	U40

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C2005
U041	546: U41	38:U41								444:U41		1	U41
U042	546: (O30)									443:U109		1	O30U
V001	546: V1	39: V1					61: AAc632	57: AAc632	61: AAc632	444:V1		1	V1
V001A	199:200						61: AAc633	57: AAc633	61: AAc633	99:200		1	
V001B	194:300						61: AAc634	57: AAc634	61: AAc634	101:300		1	
V001C							61: AAc635	57: AAc635	61: AAc635	106:400		1	
V001D	201:500						61: AAc636s	57: AAc636	61: AAc636			1	
V001E	192:600						61: AAc637s	57: AAc637	61: AAc637	97:600		1	
V001F	200:700						61: AAc638s	57: AAc638	61: AAc638	107:700		1	
V001G							61: AAc639	57: AAc639	61: AAc639			1	
V001H	191:900											1	
V001I							61: AAc636					1	
V002	546: V2	39:V2								444:V2		1	V2
V002A				247:Ff6								1	
V003	546: V3	39:V3								444:V3		1	V3
V004	546: V4	39:V4								444:V4		1	V4
V005	546: V5	39:V5								444:V5		1	V5
V006	546: V6	39:V6								444:V6		1	V6
V007	546: V7	39:V7								444:V7		1	V7
V007A					6: V7*							1	V7A
V007B			95:Ff2									1	
V008	546: V8	39:V8								444:V8		1	V8
V009	546: V9	39:V9								444:V9		1	V9
V010	546: V10	39:V10								445:V10		1	V10
V011	546: V11	39:V11								445:V11		1	V11
V011A		39:V11*a										1	V11A
V011B		39:V11*a'										1	V11B
V011C												1	
V012	546: V12	39:V12								445:V12		1	V12
V012A					6:V12*			,				1	V12A
V012B					6: V12**							1	V12B
V013	546: V13	39:V13								445:V13		1	V13

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
V014	546: V14	39: V14								445:V14		1	V14
V015	546: V15	39: V15								445:V15		1	V15
V016	546: V16	39: V16								445:V16		1	V16
V017	546: V17	39: V17								445:V17		1	V17
V018	546: V18	39: V18								445:V18		1	V18
V019	546: V19	39: V19								445:V19		1	V19
V020	546: V20	39: V20					60: AAb623	56: AAb623		445:V20		1	V20
V020A	192:20							56: AAb624	60: AAb624	100:20		1	
V020B	201:30						60: AAb625	56: AAb625	60: AAb625	99:30		1	
V020C	198:40							56: AAb626		107:40		1	
V020D	197:50						60: AAb627	56: AAb627	60: AAb627	107:50		1	
V020E	194:60						60: AAb628	56: AAb628	60: AAb628	101:60		1	
V020F	192:70						60: AAb629	56: AAb629	60: AAb629			1	
V020G	196:80						60: AAb630	56: AAb630	60: AAb630	102:80		1	
V020H							60: AAb631	56: AAb631	60: AAb631			1	
V020I	191:20						60: AAb624			97:20		1	
V020J	194:30									106:30		1	_
V020K							60: AAb626		60: AAb626			1	_
V020L	191:50											1	_
V021	546: V21	39:V21								445:V21		1	V21
V022	546: V22	39:V22								445:V22		1	V22
V023	546: V23	39:V23								445:V23		1	V23
V023A				247:V23*	6:V23*							1	
V024	546: V24	39:V24								445:V24		1	V24
V025	546: V25	39:V25								445:V25		1	V25
V026	546: V26	39:V26								445:V26		1	V26
V027	546: V27	39:V27								445:V2[7]		1	V27
V028	546: V28	39:V28								445:V28		1	V28
V028A					6:V28*							1	V71
V029	546: V29	39:V29								445:V29		1	V29
V029A				247:V29*	6:V29*							1	V81
V030	546: V30	39: V30		Ť				_	_	445: V30		1	V30

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	d C200!
V030A		39:V30*										1	
V031	546: V31	39: V31								445: V31		1	V31
V031A	546: V31*	39:V31*								445:V31a		1	V31A
V032	546: V32	39:V32								445: V32		1	V32
V033	546: V33	39: V33								445: V33		1	V33
V033A						8-4:10:299						1	V33A
V034	546: V34	39: V34								445: V34		1	V34
V035	546: V35	39: V35								445: V35		1	V35
V036	546: V36	39: V36								445: V36		1	V36
V037	546: V37	39: V37								445: V37		1	V37
V037A					6:V37*							1	V37A
V038	546: V38	39:V38								445: V38		1	V38
V039	546: V39			247:V39	6:V39*					445:V39		1	V39
V040	191:10						63:BB665	60: BB665	62:BB665			1	V20S
V040A	201:20						64:BB666	60: BB666	62:BB666			1	
W001	547:W1	40: W1								445:W1		1	W1
W002	547:W2	40: W2								446:W2		1	W2
W003	547: W3	40: W3								446: W3		1	W3
W003A		40: W3*										1	W3B
W004	547: W4	40: W4								446: W4		1	W4
W005	547:W5	40: W5								446:W5		1	W5
W006	547:W6	40: W6								446:W6		1	W6
W007	547:W7	40: W7								446: W7		1	W7
W008	547:W8	40: W8								446:W8		1	W8
W009	547:W9	40: W9								446:W9		1	W9
W009A					6:W9*							1	W9D
W010	547:W10	40: W10								446:W10		1	W10
W010A	547:W10*				6:W10*					446: W10A		1	W10A
W011	547: W11	40: W11				ĺ				446:W11		1	W11
W012	547:W12	40:W12					,			446:W12		1	W12
W013	547:W13	40:W13		,			,			446:W13		1	W13
W014	547: W14	40: W14					Ť			446: W14		1	W14

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Am	d C200
W014A		40:W14*										1	
W015	547: W15	40: W15								446: W15		1	W15
W016	547: W16	40: W16								446: W16		1	W16
W017	547: W17	40: W17								446: W17		1	W17
W017A					6:W18*					446: W17a		1	
W018	547: W18	40: W18								446:W18		1	W18
W018A										446: W18a		1	W17C
W019	547: W19	40: W19								446: W19		1	W19
W020	547: W20	40: W20								446: W20		1	W20
W021	547: W21	40: W21								446: W21		1	W21
W022	547: W22	40: W22								446: W22		1	W22
W023	547: W23	40: W23								446: W23		1	W23
W024	547: W24	40: W24								446: W24		1	W24
W024A		40: W24*										1	W24A
W025	547: W25	40:W25								446: W25		1	W25
X001	547: X1	41:X1								446: X1		1	X1
X002	547: X2	41:X2								446: X2		1	X2
X003	547: X3	41:X3								446: X3		1	Х3
X004	547: X4	41:X4								447: X4		1	X4
X004A		41:X4*								447: X4a		1	X4A
X005	547: X5	41:X5								447:X5		1	X5
X006	547: X6	41:X6								447:X6		1	Х6
X006A		41:X6*										1	
X007	547: X7	41:X7								447: X7		1	X7
X008	547: X8	41:X8								447: X8		1	X8
Y001	547: Y1	41:Y1								447:Y1		1	Y1
Y001A	533: Y1(v)	41:Y1(v)								447: Y1(v)		1	Y1V
Y002	547: Y2	41:Y2								447:Y2		1	Y2
Y003	547: Y3	41:Y3								447:Y3		1	Y3
Y004	547: Y4	41:Y4								447:Y4		1	Y4
Y005	547:Y5	41:Y5								447:Y5		1	Y5
Y006	547:Y6	41:Y6			ĺ					447:Y6		1	Y6

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999 F1	962	Amd	C200
Y007	547: Y7	41:Y7								447:Y7		1	Y7
Y008	547: Y8	41:Y8								447:Y8		1	Y8
Z001	547: Z1	42:Z1					59: AAa614	55: AAa614	59: AAa614	447: Z1		1	Z1
Z002	547: Z2	42:Z2								447:Z2		1	Z2
Z003	547: Z3	42:Z3								447:Z3		1	Z3
Z003A		42: Z2 also								447:Z3a		1	Z3A
Z004	547: Z4	42:Z4								447:Z4		1	Z4
Z004A	536: Z4v											1	
Z005	547: Z5	42: Z 5								447:Z5		1	Z5
Z005A		42: Z 5*										1	Z5A
Z006	547: Z6	42:Z6								447:Z6		1	Z6
Z007	547: Z7	42:Z7								447: Z7		1	Z 7
Z008	547: Z8	42:Z8								447:Z8		1	Z8
Z009	547: Z9	42:Z9								447: Z9		1	Z9
Z010	547: Z10	42:Z10								447: Z10		1	Z10
Z011	547: Z11	42:Z11								447: Z11		1	Z11
Z012			95:Z12									1	Z12
Z013					6: Z13							1	
Z014			95:Ff1		6: Ff1							1	
Z015										447:Z1		1	Z1
Z015A	192:2						59: AAa615	55: AAa615	59: AAa615	447: Z49		1	
Z015B		42:Z2*					59: AAa616	55: AAa616	59: AAa616	447: Z2(a)		1	Z2D
Z015C	191:4						59: AAa617	55: AAa617	59: AAa617	97:4		1	
Z015D	192:5									97:5		1	
Z015E	192:6									102:6		1	
Z015F	191:7									97:7		1	
Z015G	191:8									102:8		1	
Z015H	197:9						59: AAa622	55:AAa622				1	
Z015I	191:5						59: AAa618	55:AAa618	59: AAa618	447: Z(2d)		1	
Z016					ĺ		63:BB656					1	Z1A
Z016A	191:2						63:BB657	59:BB65[7]	61:BB657	103:2		1	
Z016B						8-4:5:654	64:BB658	60:BB658	62:BB658			1	Z3B

Name	G1957	G1928	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999	F1962	Amo	1C200!
Z016C	191:4						64:BB659	60:BB659	62:BB659			1	
Z016D	191:5						64:BB660	60: BB660	62:BB660			1	
Z016E							64:BB661	60: BB661	62:BB661			1	
Z016F							64:BB662	60: BB662	62:BB662	103:7		1	
Z016G	191:8						64:BB663	60:BB663	62:BB663			1	
Z016H								60:BB664				1	
AA001	547: Aa1	43:Aa1								448: Aa1		1	AA1
AA002	547: Aa2	43:Aa2								448: Aa2		1	AA2
AA003	547: Aa3	43:Aa3								448: Aa3		1	AA3
AA004	547: Aa4	43:Aa4								448: Aa4		1	AA4
AA005	547: Aa5	43:Aa5								448: Aa5		1	AA5
AA006	547: Aa6	43:Aa6								448: Aa6		1	AA6
AA007	547: Aa7	43:Aa7								448: Aa7		1	AA7
AA007A		43:Aa7*										1	AA7A
AA007B				247:Aa7**	6:Aa7**							1	AA7B
800AA	547: Aa8	43:Aa8								448: Aa8		1	AA8
AA009	547: Aa9	43:Aa9								448: Aa9		1	AA9
AA010	547: Aa10	43:Aa10								448: Aa10		1	AA10
AA011	547: Aa11	43:Aa11								448: Aa11		1	AA11
AA012	547: Aa12	43:Aa12								448: Aa12		1	AA12
AA013	547: Aa13	43:Aa13								448: Aa13		1	AA13
AA014	547: Aa14	43:Aa14								448: Aa14		1	AA14
AA015	547: Aa15	43:Aa15								448: Aa15		1	AA15
AA016	547: Aa16	43:Aa16								448: Aa16		1	AA16
AA017	547: Aa17	43:Aa17								448: Aa17		1	AA17
AA018	547: Aa18	43:Aa18								448: Aa18		1	AA18
AA019	547: Aa19	43:Aa19								448: Aa19		1	AA19
AA020	547: Aa20	43:Aa20								448: Aa20		1	AA20
AA021	547: Aa21	43: Aa21								448: Aa21		1	AA21
AA022	547: Aa22	43:Aa22								448: Aa22		1	AA22
AA023	546: Aa23	43:Aa23								448: Aa23		1	AA23
AA024	546: Aa24	43: Aa24								448: Aa24	Ť	1	AA24

Name	G1957 547: Aa25	G1928 43: Aa25	G1929	G1931	G1953	GITB	M1909	M1927	M1936	A1999 448: Aa25	F1962	Amd C200	
AA025												1	AA25
AA026	547: Aa26	43: Aa26								448: Aa26		1	AA26
AA027	547: Aa27	43: Aa27								448: Aa27		1	AA27
AA028	547: Aa28	43: Aa28								448: Aa28		1	AA28
AA029	547: Aa29	43: Aa29								448: Aa29		1	AA29
AA030	547: Aa30	43: Aa30								448: Aa30		1	AA30
AA031	547: Aa31	43: Aa31								448: Aa31		1	AA31
AA032	546: Aa32	43:Aa32								448: Aa32		1	AA32